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Indoor flooring in a domestic setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR CEMENTITIOUS SCREED WITH HEATING**

Provision and installation, on indoor **cementitious screed with heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2**, in keeping with standard EN 120004. The surface for adhesion between the slabs and the substrate must be guaranteed at 85%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact. Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)
Density: 2,400 kg/m³ (EN 14617-1)
Elastic modulus (E): 60 GPa (EN 14617-2)
Flexural strength (σ_k): 42 MPa (EN 14617-2)
Compressive strength: 483 N/mm² (ASTM C170)
Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)
Reaction to fire: A1 (EN 13501-1)
Resistance to acids and bases: C4 – Resistant (EN 146217-10).
Water absorption: <0.1%
Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a domestic setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR CEMENTITIOUS SCREED WITHOUT HEATING**

Provision and installation, on door **cementitious screed without heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from peripheral (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2**, in keeping with standard EN 120004. The surface for adhesion between the slabs and the substrate must be guaranteed at 85%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact. Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)
Density: 2,400 kg/m³ (EN 14617-1)
Elastic modulus (E): 60 GPa (EN 14617-2)
Flexural strength (σ_k): 42 MPa (EN 14617-2)
Compressive strength: 483 N/mm² (ASTM C170)
Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)
Reaction to fire: A1 (EN 13501-1)
Resistance to acids and bases: C4 – Resistant (EN 146217-10).
Water absorption: <0.1%
Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a domestic setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR SULPHATE SCREED WITH HEATING**

Provision and installation, on indoor **sulphate (anhydrite) screed with heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 85%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a domestic setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR SULPHATE SCREED WITHOUT HEATING**

Provision and installation, on indoor **sulphate (anhydrite) screed without heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class S2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 85%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a domestic setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR AREA WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on indoor **area waterproofed with liquid cementitious products**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class S2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 85%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a domestic setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR EXISTING SUBSTRATE WITH RESIDUAL ORGANIC ADHESIVES**

Provision and installation, on indoor **substrate with residual organic adhesives**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 85%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

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Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a domestic setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR EXISTING TILES OR MOSAIC OR STONES**

Provision and installation, on indoor **existing tiles, mosaic tiles or stones**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 85%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR CEMENTITIOUS SCREED WITH HEATING**

Provision and installation, on indoor **cementitious screed with heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
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Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR CEMENTITIOUS SCREED WITHOUT HEATING**

Provision and installation, on indoor **cementitious screed without heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
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Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR SULPHATE SCREED WITH HEATING**

Provision and installation, on indoor **sulphate (anhydrite) screed with heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
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- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

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Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

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Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)

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Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR SULPHATE SCREED WITHOUT HEATING**

Provision and installation, on indoor **sulphate (anhydrite) screed without heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR CONCRETE SUBSTRATE**

Provision and installation, on indoor **concrete substrate**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2**, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR PREFORMED PANELS**

Provision and installation, on indoor **preformed panels**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2**, in keeping with standard EN 120004. The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact. Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)
Density: 2,400 kg/m³ (EN 14617-1)
Elastic modulus (E): 60 GPa (EN 14617-2)
Flexural strength (σ_k): 42 MPa (EN 14617-2)
Compressive strength: 483 N/mm² (ASTM C170)
Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)
Reaction to fire: A1 (EN 13501-1)
Resistance to acids and bases: C4 – Resistant (EN 146217-10).
Water absorption: <0.1%
Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR AREA WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on indoor **area waterproofed with liquid cementitious products**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2**, in keeping with standard EN 120004. The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact. Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)
Density: 2,400 kg/m³ (EN 14617-1)
Elastic modulus (E): 60 GPa (EN 14617-2)
Flexural strength (σ_k): 42 MPa (EN 14617-2)
Compressive strength: 483 N/mm² (ASTM C170)
Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)
Reaction to fire: A1 (EN 13501-1)
Resistance to acids and bases: C4 – Resistant (EN 146217-10).
Water absorption: <0.1%
Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR EXISTING SUBSTRATE WITH RESIDUAL ORGANIC ADHESIVES**

Provision and installation, on indoor **existing substrate with residual organic adhesives**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2** in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a public setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR EXISTING TILES OR MOSAIC OR STONES**

Provision and installation, on indoor **existing tiles, mosaic tiles or stones**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2** in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a commercial - industrial setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR CEMENTITIOUS SCREED WITHOUT HEATING**

Provision and installation, on indoor **cementitious screed without heating**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2** in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a commercial - industrial setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR CONCRETE SUBSTRATE**

Provision and installation, on indoor **concrete substrate**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2** in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a commercial - industrial setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR AREA WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on indoor **area waterproofed with liquid cementitious products**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2** in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a commercial - industrial setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR EXISTING SUBSTRATE WITH RESIDUAL ORGANIC ADHESIVES**

Provision and installation, on indoor **substrate with residual organic adhesives**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved deformable or highly deformable cementitious adhesive** belonging to **class C2S1/S2** in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

Indoor flooring in a commercial - industrial setting

Installation of sintered stone flooring with adhesive and with or without reinforced mesh, up to 5,050 cm²

► **ON INDOOR EXISTING TILES OR MOSAIC OR STONES**

Provision and installation, on indoor **tiles, mosaic tiles or existing stones**, of new flooring with Lapitec sintered stone (largest format of up to 5,050 cm²) compliant with standard _____; thickness 12, 20 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 2 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with **improved cementitious adhesive** belonging to **class C2** in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 90%, for large slabs (>3600 cm²) the adhesion surface must be 95% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the _____ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1,500x3,365 mm (EN 14617-16)

Density: 2,400 kg/m³ (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength (σ_k): 42 MPa (EN 14617-2)

Compressive strength: 483 N/mm² (ASTM C170)

Linear thermal expansion coefficient: $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Resistance to acids and bases: C4 – Resistant (EN 146217-10).

Water absorption: <0.1%

Slipperiness properties: R

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m² and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.