

## SUMMARY

### *Outdoor wall cladding in a domestic setting*

- ▶ ON OUTDOOR LIME/CEMENT PLASTER WITHOUT HEATING..... 2
- ▶ ON OUTDOOR CONCRETE SUBSTRATE..... 3
- ▶ ON OUTDOOR PREFAB CONCRETE.....4
- ▶ ON OUTDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS..... 5

### *Outdoor wall cladding in a public setting*

- ▶ ON OUTDOOR LIME/CEMENT PLASTER WITHOUT HEATING ..... 6
- ▶ ON OUTDOOR CONCRETE SUBSTRATE ..... 7
- ▶ ON OUTDOOR PREFAB CONCRETE.....8
- ▶ ON OUTDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS.....9

### *Outdoor wall cladding in a commercial - industrial setting*

- ▶ ON OUTDOOR LIME/CEMENT PLASTER WITHOUT HEATING..... 10
- ▶ ON OUTDOOR CONCRETE SUBSTRATE..... 11
- ▶ ON OUTDOOR PREFAB CONCRETE..... 12
- ▶ ON OUTDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS..... 13

### *Outdoor wall cladding in a domestic setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR LIME/CEMENT PLASTER WITHOUT HEATING**

Provision and installation, on outdoor **lime/cement plaster without heating**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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/m<sup>3</sup> (EN 14617-1)

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

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

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

Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.

### *Outdoor wall cladding in a domestic setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR CONCRETE SUBSTRATE**

Provision and installation, on outdoor **concrete substrate**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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:

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

Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.

### *Outdoor wall cladding in a domestic setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR PREFAB CONCRETE**

Provision and installation, on outdoor **prefab concrete**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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/m<sup>3</sup> (EN 14617-1)

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

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

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

Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.

### *Outdoor wall cladding in a domestic setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on outdoor **areas waterproofed with liquid cementitious products**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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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Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

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

Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.

### *Outdoor wall cladding in a public setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR LIME/CEMENT PLASTER WITHOUT HEATING**

Provision and installation, on outdoor **lime/cement plaster without heating**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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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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)

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Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.

### *Outdoor wall cladding in a public setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR CONCRETE SUBSTRATE**

Provision and installation, on outdoor **concrete substrate**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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.

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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:

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Water absorption: <0.1%

Slipperiness properties: R

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- 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 16.00 m<sup>2</sup> 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.

### *Outdoor wall cladding in a public setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR PREFAB CONCRETE**

Provision and installation, on outdoor **prefab concrete**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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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Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.



### *Outdoor wall cladding in a public setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on outdoor **areas waterproofed with liquid cementitious products**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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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**Slipperiness properties: R**

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- the provision and application of the adhesive
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- 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
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## ***Outdoor wall cladding in a commercial - industrial setting***

# **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### **► ON OUTDOOR LIME/CEMENT PLASTER WITHOUT HEATING**

Provision and installation, on outdoor **lime/cement plaster without heating**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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:

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- fees and the preparation of the substrate
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- 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.

## ***Outdoor wall cladding in a commercial - industrial setting***

# **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### **► ON OUTDOOR CONCRETE SUBSTRATE**

Provision and installation, on outdoor **concrete substrate**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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:

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Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

Slipperiness properties: R

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- 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 16.00 m<sup>2</sup> 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.

## ***Outdoor wall cladding in a commercial - industrial setting***

# **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### **► ON OUTDOOR PREFAB CONCRETE**

Provision and installation, on outdoor **prefab concrete**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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/m<sup>3</sup> (EN 14617-1)

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

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

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

Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.

### *Outdoor wall cladding in a commercial - industrial setting*

## **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh up to 5,050 cm<sup>2</sup>**

### ► **ON OUTDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on outdoor **areas waterproofed with liquid cementitious products**, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 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 for the peripheral gaps of the 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 cm<sup>2</sup>) the adhesion surface must be 100% (full bed).

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/m<sup>3</sup> (EN 14617-1)

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

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

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

Reaction to fire: A1 (EN 13501-1)

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 16.00 m<sup>2</sup> 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.