

KZ 35 ZOCCOLATURA SOLFATORESISTENTE

WATER-REPELLENT BASE COAT BASED ON
SPECIAL SULPHATE-RESISTANT BINDERS
AND AIR LIME FOR EXTERIOR AND
INTERIOR PLINTH AREA



**FASSA
BORTOLO**

KZ 35 ZOCCOLATURA SOLFATORESISTENTE

WATER-REPELLENT BASE COAT
BASED ON SPECIAL SULPHATE-
RESISTANT BINDERS AND
AIR LIME FOR EXTERIOR AND
INTERIOR PLINTH AREA



A.

RESTORATION OF THE PLINTH RENDER

B.

PLINTH ON NEW CONSTRUCTION

C.

REPOINTING OF BEDDING JOINTS





It is a waterproof plaster that limits water absorption thanks to its special water-repellent formulation.



It is a sulphate-resistant product specifically designed for skirting on brickwork - both new and rendered - and stone, even if there are traces of sulphates in the masonry.



It is M10-marked according to EN 998-2, a key feature that makes this product also suitable to repoint joints, even where a structural mortar is required.

EXAMPLES OF AREAS OF USE

WATCH THE APPLICATION
VIDEO



A.

RESTORATION OF THE PLINTH RENDER

In façade renovation, the plinth section is often the most vulnerable element due to the possible absorption of rainwater at the base. **KZ 35 ZOCCOLATURA SOLFATORESISTENTE** is the ideal product with its waterproof formulation, very low water absorption (W2 according to EN 998-1) and chemical resistance to sulphate salts that may be found residually in old buildings.



BEFORE



AFTER

MIXING APPLICATION

Check that the stripped substrate has been properly cleaned and prepared. Apply **KZ 35 ZOCCOLATURA SOLFATORESISTENTE** by hand or with a plastering machine to a height of approximately 30-40 cm and a thickness of 1 to 2 cm and equal to the existing plaster/render.

Levelling the plaster/render.

Once the plaster has cured, finish the cycle by applying a reinforced skim coat with **FASSA K-OVER PLUS 3.30** and the **FASSANET MAXI** alkali-resistant glass fibre mesh to even out the skirting with the existing, suitably prepared plaster/render.



B.

PLINTH ON NEW CONSTRUCTION

Even in new buildings that meet the highest standards, the plinth section requires special attention due to the possible absorption of rainwater at the base.

KZ 35 ZOCCOLATURA SOLFATORESISTENTE is the ideal product thanks to its waterproof formulation and very low water absorption (W2 according to EN 998-1).



BEFORE



AFTER

MIXING APPLICATION

Check that the underlying substrate has been properly cleaned and prepared. Prepare the wall surface, with the exception of the plinth section, using one of our base coat plasters/renders, such as **KB 13** or **INTONACO 700**.

Then apply **KZ 35 ZOCCOLATURA SOLFATORESISTENTE** directly onto the masonry, either by hand or with a plaster machine, for a height of approx. 30 to 40 cm and a thickness of 1 to 2 cm and equal to the plaster/render over the plinth area.

Levelling the plaster/render.

Once the plaster has cured, complete the application cycle by applying the reinforced skim coat with a finishing plaster/render with a marmorino effect, such as **FINITURA 750** or **S 605** and the **FASSANET 160** alkali-resistant glass fibre mesh to even out the skirting with the existing plaster/render.



C.

REPOINTING OF BEDDING JOINTS



For masonry repointing requiring high mechanical and chemical resistance **KZ 35 ZOCCOLATURA SOLFATORESISTENTE** is the ideal product with its M10 structural marking according to EN 998-2 and resistance to sulphate salts.



BEFORE



AFTER

MIXING APPLICATION

Check that the cut bedding joints are properly cleaned and prepared. To restore gaps between stones, you can use **KZ 35 ZOCCOLATURA SOLFATORESISTENTE**, a structural mortar suitable for repointing the joints. Mix **KZ 35 ZOCCOLATURA SOLFATORESISTENTE** with a mechanical stirrer and extrude the product into the bedding joints.

Finish the material using a trowel.



TECHNICAL CHARACTERISTICS

SPECIFIC WEIGHT	approx. 1,400 kg/m ³
GRADING	< 1.5 mm
MINIMUM THICKNESS	10 mm
WATER CONTENT OF THE MIX	22-24%
YIELD	approx. 15 kg/m ² for 10 mm thickness
DENSITY OF HARDENED PLASTER	approx. 1,630 kg/m ³
COMPRESSIVE STRENGTH AFTER 28 DAYS (EN 1015-11)	approx. 10 N/mm ² (CSIV: > 6 N/mm ²)
MODULUS OF ELASTICITY AFTER 28 DAYS	> 9,000 N/mm ²
VAPOUR DIFFUSION RESISTANCE FACTOR (EN 1015-19)	$\mu \leq 14$ (measured value)
CAPILLARY WATER ABSORPTION COEFFICIENT (EN 1015-18)	W2 $C \leq 0.20 \text{ kg/m}^2 \cdot \text{min}^{0.5}$
THERMAL CONDUCTIVITY COEFFICIENT (EN 1745)	$\lambda = 0.64 \text{ W/m} \cdot \text{K}$ (tabulated value)
EN 998-1 COMPLIANCE	GP-CSIV-W2
EN 998-2 STANDARD COMPLIANCE	M10
PART NO.	446U1 (25 kg sacks)



TECHNICAL SUPPORT SERVICE

The Fassa Bortolo Group is ready to provide you with free support in the decision-making, design and construction phases.

How:

- With technical assistance for design decision support, before and after sales.
With support in assessing design needs and suggesting solutions in accordance with
- current regulations.
By preparing technical briefs based on data provided or defined on site.
- By providing an applicator/demonstrator to show the correct installation and team kick-off on site.

For more information: technical.assistance@fassabortolo.com

FASSACADEMY

A training offer aimed at the entire construction supply chain to stay abreast of developments in the building sector: FassAcademy is an ongoing series of events throughout Italy or online webinars, aimed at professionals, retailers, applicators, companies, schools.

- For designers: technical and cultural conferences, workshops and webinars;
- For retailers: organisation of Open Days and technical meetings to update customers and their staff on the use of our application cycles and related products;
- For applicators: application courses and webinars to stay up-to-date on products and equipment.

Scan the QR CODE and visit the dedicated area on our website





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