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BASEFORTE® PRIMER WD / DILUENTE WD

One-component solvent polyurethane resin.



Product description

Consolidating and waterproofing resin of powdered and crumbly cement substrates with high residual humidity.

BASEFORTE® PRIMER WD is used in wooden flooring with vapour barrier action on screed. BASEFORTE® PRIMER WD, together with DILUENTE WD, is used before the application of GRIGOKOLL® WOOD BIOTEC and WOOD TEC adhesives in the presence of screed with residual moisture of 5% or which need to be consolidated.

Technical characteristics

- Mono-component
- High performance (consolidating power)
- High barrier against residual humidity (max 4 - 5%)
- High penetration
- Increases the mechanical strength of the surface
- Dust fixative

PRIMER WD / DILUENTE WD

Fields of use

- Traditional cementitious screeds
- Gypsum or anhydrite screeds
- Synthetic mortars preparation
- Consolidation of heated screeds (previous grouting of eventual cracks and crevices to avoid direct contact of the primer with plumbing)

Do not use

- To waterproof heated screeds (which must have a residual humidity as per norm and must be properly cured with thermal cycle)
- On non-absorbing screeds
- On restorations closed to lived adjacent buildings to avoid the solvent diffusion
- Before laying material sensible to solvent (pvc, rubber, linoleum)
- On surfaces subject to continuous rising humidity and which are not protected by a vapour barrier
- On screeds which contain materials that can dissolve or get weaker when at contact with the solvent

Surface preparation

Always verify the substrate humidity with proper instruments. The surface to be treated must be compact, free from brittle fragments and in accordance with norm DIN 18356. Eventual surface defects such as cracks or cervices must be treated mixing some fine sand (not sea sand) with BASEFORTE® PRIMER WD to obtain a homogeneous mortar: this to avoid product infiltrations or stagnations in the cavity with risk of damage to any pipes.

Soils with a low absorbent layer must be roughened and carefully vacuum cleaned to allow penetration of the product.

Before application, ensure the presence of an appropriate vapour barrier.

Application

Set and shake the product thoroughly before use. Apply at room temperature between +10 and +30, C with air humidity > 40% (different conditions can lead to a significant change in drying times with not excellent results). Ventilate the room during use and during hardening.

For superficial consolidation:

Apply a coat of BASEFORTE® PRIMER WD in dilution ratio 2:1 with the appropriate BASEFORTE® DILUENTE WD respecting the yield of about 200 g/m².

For in-depth consolidation:

Apply a coat of BASEFORTE® PRIMER WD in 1:1 dilution ratio with the appropriate BASEFORTE® DILUENTE WD. When the first coat is dry (about 4 hours), apply a second coat of primer within 12 hours in dilution ratio 2:1 respecting the overall yield of about 400 g/m².

As a barrier against residual moisture:

Apply a coat of BASEFORTE® PRIMER WD in 1:1 dilution ratio with the appropriate BASEFORTE® DILUENTE WD. Following, when primer has dried (about 4 hours), apply a second coat of primer within 12 hours, undiluted and respecting the overall yield of about 400 g/m². If necessary, apply a third coat of product after the previous coat has dried.

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After curing, BASEFORTE® PRIMER WD can only be removed mechanically. To promote a greater adhesion of the adhesives, spread a layer of fine and dry sand (not marine) on the last coat of primer while it is still fresh.

Always use appropriate personal protection systems. Always consult the product data sheet before use.

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TECHNICAL CHARACTERISTICS	(a C.N.)
Aspect	Dark liquid
Viscosity (@ 20 C°; Ford # 4)	13-15
Yield (g/m2)	200 – 400 variable according to use: - as consolidator on surface 200 g/m2 - as consolidator in-depth 300 – 400 g/m2 - as barrier for residual humidity 300 – 400 g/m2 (the product yield can vary according to the porosity of the surface)
Temperature of use (°C)	+10 a +30 with air humidity > 40%
Overcoating (hours)	4-12
Final curing (days)	After 2 – 3 days in ventilated environment and completely free of solvent smell (time for over coating and curing vary according on climate conditions, ventilation and thickness of applied layer)
Application	roll, brush
Storage (months): temperature between +5°C and +25°C	12
Dismantling information	Dismantle according to local and national provisions
Use limits	Ventilate during use and curing. Inflammable product.
GISCODE	RU3

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