

ADESIVER RE 400 SPX

High-performance universal acrylic adhesive in aqueous dispersion, suitable for installing resilient floors and wall coverings on absorbent or semi-absorbent substrates and vertical profiles, with excellent trowelability and extended open time.

Description

ADESIVER RE 400 SPX is a high-performance thixotropic adhesive in aqueous dispersion based on acrylic terpolymers, featuring excellent trowelability, high initial tack, and extended open time. ADESIVER RE 400 SPX is therefore suitable for installing resilient floor and wall coverings, provided they are dimensionally stable. Specifically designed for indoor installation of:

- carpet and needle-punched flooring with any backing, provided dimensionally stable;
- linoleum up to 3 mm thick;
- vinyl flooring with felt backing;
- PVC flooring in rolls or tiles;
- PVC wall and floor coverings;
- textile floor and wall coverings;
- semi-rigid vinyls;
- rubber sheets up to 3 mm thick;
- PVC floor and wall coverings;
- coconut fiber coverings with latex backing;
- polystyrene floor and wall coverings;
- LVT (luxury vinyl tiles).

Also suitable for bonding on substrates with underfloor heating and cooling systems.

Characteristics

Mixture ratio	single-component
Appearance	creamy
Colour	ivory white
Application temperature	+10°C ÷ +25°C
Application	special notched trowel n.1-3
Waiting time	10-30 minutes ⁽¹⁾
Maximum open time	40-80 minutes Max ⁽¹⁾
Walking time	24 hours ⁽²⁾
Ready for use	after about 48-72 hours ⁽¹⁾
Coverage	250-400 g/m ² depending on the subfloor.
Thinning (if necessary)	water
Storage stability	1 year ⁽²⁾
Packaging	15 Kg
Tool cleaning	water (with fresh adhesive)

1 at 20°C and 65% R.H.

2 in original sealed containers at temperatures between +10°C and +25°C

Laying conditions

Substrate

dry, sound, non-dusting and not excessively rough.

Substrate moisture

2.0% max for cement-based substrates

1.7% max for cement-based substrates with underfloor heating

0.5% max for anhydrite substrates

0.2% max for anhydrite substrates with underfloor heating

How to use

FLOOR APPLICATION

Mix the product thoroughly before use until uniform.

Substrate preparation

Dry but dusty substrates must be primed with PRYMER W, PRYMER SF 1105, PRYMER PUB 77 or CHIMIGRIP properly diluted (see relevant technical data sheets), then skimmed with RASOCHIM line products (see relevant technical data sheets).

Cementitious substrates with excessive residual moisture must be primed with PRYMER EPOX WETT, PRYMER SF 1105 and PRYMER PUB 77 (see relevant technical data sheets), sanded and then skimmed with RASOCHIM line products.

Semi-absorbent or non-absorbent substrates must always be skimmed with RASOCHIM line products, after preparing the surface with CHIMIGRIP as adhesion promoter (see technical data sheet).

Do not install on substrates not protected against rising damp (e.g. crawl spaces without vapor barrier, damp walls, etc.).

Installation on suitable substrates

Apply the adhesive using the appropriate notched trowel, working it to incorporate any residual dust.

Substrate:

- Smooth or fine aggregate substrate: trowel No. 1

- Rough or coarse aggregate substrate: trowel No. 3

Type of covering:

- Light or thin covering: trowel No. 1

- Heavy or thick covering: trowel No. 3

Note:

The choice of trowel depends on the specific characteristics of each project. Carefully assess substrate and covering conditions for proper adhesive application.

Always remove coverings from packaging a few hours before installation to release tensions and acclimate them to ambient conditions.

Wait for the adhesive to flash off (at least 10 minutes) before laying tiles or sheets. During this time, the adhesive develops strong surface tack for secure bonding even with extended open time.

After final positioning, apply uniform pressure over the entire surface to ensure full contact and eliminate air pockets. In case of extreme temperatures, heavy mechanical stress or frequent washing, use ADESIVER 702 (see technical data sheet).

This information is given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.

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Time variations may depend on substrate absorption. Some rubbers may be contaminated with release agents or paraffins. Pre-cleaning with ACETONE THINNER is recommended.

⚠ Warnings

Protect from frost during transport and storage. Avoid prolonged exposure to temperatures below 0°C. Storage temperatures above +25°C reduce shelf life.

📄 Label elements

For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.

🌐 Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



http://www.chimiver.com/tds/EN_ADESIVER_RE_400_SPX.pdf

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