Chimiver®
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Technical Datasheet

Item Code: A400990XC | Rev.: 12-09-2023 | Ver: 3.3

ADESIVER RE 400/SP CONDUCTIVE

Universal acrylic water-based adhesive to lay resilient conductive flooring on absorbent subfloors.

Description

ADESIVER RE 400/SP CONDUCTIVE is a terpolymer acrylic water-based thixotropic adhesive characterized by high solid content, excellent spreadability and initial adhesion. ADESIVER RE 400/SP CONDUCTIVE is suitable for **indoor**of:
- conductive carpet and conductive needle punched textile with any backing provided they are dimensionally stable;
- conductive vinyl or static-dissipative flooring;
- PVC flooring in rolls or tiles;
- conductive or static-dissipative rubber floors up to 3 mm thickness.

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	5-25 minutes (1)
Maximum open time	30-35 minutes (1)
Walking time	after about 3-5 hours (1)
Ready for use	after about 48-72 hours (1)
Coverage	250-400 g/m² depending on the subfloor.
Thinning (if necessary)	water
Storage stability	6 months (2)
Packaging	5 Kg - 12 Kg - 20 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

◊ ***Subfloor***
dry, clean, no-dust creating, not too rough.

◊ ***Humidity of subfloor***
2,0% max with cement subfloors
1,7% max with radiant heating subfloors
0,5% max with anhydrite subfloors
0,2% max with radiant heating anhydrite subfloors

How to use

Shake well before use.

APPLICATION ON FLOOR

Subfloors preparation

It is essential to make sure that there is not a rising damp from the substrate (crawl spaces without D.P.M., moist walls, ecc...).
Dry but friable substrates must first be primed with suitably diluted PRYMER W, PRYMER SF 1105, PRYMER PUB 77 or CHIMIGRIP (see technical data sheets) and then levelled with RASOCHIM range of products (see technical data sheets).

Cement subfloors with high residual relative humidity must be primed with: PRYMER EPOX WETT, PRYMER WB 328 S, PRYMER SF 1105 or PRYMER PUB 77 (see technical data sheets) sprinkle QUARZ on the surface and then levelled with RASOCHIM range of products (see technical data sheets).

Poorly absorbent or not-absorbent substrates must always be levelled with RASOCHIM range of products (see technical data sheets), after suitable surface preparation with CHIMIGRIP as adhesion promoter (see technical data sheet).

Don't lay on subfloors that are not isolated from the possibly rise of humidity.

Laying on suitable subfloors

Apply the adhesive on the substrate using a notched trowel, working it to incorporate any residual dust.

Wait until the adhesive dries (at least 5 minutes) and lay the tiles or sheets. After final positioning, exert even pressure on the entire surface using suitable rollers to ensure full contact with the adhesive and promote the complete removal of any air bubbles.

Notes:always remove the linings to be adhered from their packaging several hours before laying to release tension and stabilize them to room climate conditions. The drying time varies with the absorbency of the subfloor and environmental conditions. Rubber flooring can be polluted by plasticizers/waxes and contaminants, it is advisable to prior cleaning with DILUENTE ACETONE.

Equipotential earth contact should be done in compliance with regulations. Spread the ADESIVER RE 400/SP CONDUCTIVE to bond the copper strips of the conductive grid to the substrate. Test the conductivity of the grid before installing the flooring.

Warnings

Protect from frost during transit and storage. Avoid prolonged exposure to temperatures below 0°C. Storage temperatures above +25°C reduce the time of storage stability.

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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_400SP_CONDUCTIVE.pdf

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