

ADHERE Ci 2.2 FIX

IMPROVED ADHESIVE PASTE FOR PLASTERBOARD SUBSTRATES
AND WET AREAS

1. DESCRIPTION

The adhesive paste **ADHERE Ci 2.2 FIX** is a ready-to-apply construction adhesive with an extended open time and reduced slippage (classification D2E according to NP EN 12004-1), formulated from synthetic resins in aqueous dispersion, inert materials and specific organic and/or inorganic additives.

The adhesive paste **ADHERE Ci 2.2 FIX** is marketed in white colour.

2. FIELD OF USE

ADHERE Ci 2.2 FIX is an adhesive paste with low water absorption, suitable for fixing ceramic tiles and ornamental stone in indoor wet areas, including shower bases, bath rooms and community toilets.

The adhesive paste **ADHERE Ci 2.2 FIX** is specially designed for fixing tiles onto plaster-based substrates: plasterboard, sprayed plaster, plaster blocks.

Can also be applied on cement-based substrates (such as renders and concrete), lime based (lime mortars) and also on old adherent paint for medium-sized pieces.

For non-common uses or on particular substrates, we advise you to contact our Technical-Commercial Service.

3. PRODUCT CHARACTERISTICS

PRODUCT	VALUE	STANDARD
Initial adhesion to the cut	$\geq 1,0 \text{ N/mm}^2$	EN 12004-1
Adhesion to traction after immersion in water	$\geq 0,5 \text{ N/mm}^2$	EN 12004-1
Adhesion to traction after the action of heat	$\geq 1,0 \text{ N/mm}^2$	EN 12004-1
Adhesion to traction after the action of high temperatures	$\geq 1,0 \text{ N/mm}^2$	EN 12004-1
Adhesion to traction after extended open time (after 30 min.)	$\geq 0,5 \text{ N/mm}^2$	EN 12004-1
Slippage	$\leq 0,5 \text{ mm}$	EN 12004-1
Reaction to fire	E WFT	EN 12004-1

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4. APPLICATION

a) Substrate preparation

The substrates must be clean and free of dust, release oils, efflorescences and/or any other materials that may affect the adhesion. They must also be properly levelled, flattened and cohesive. Levelling can be checked using a 2m metal ruler. **ADHERE Ci 2.2 FIX** can be used as a plaster, allowing to correct slight defects in the levelling of the substrate, within a limit of 5 mm.

In the case of plaster-based substrate, the residual moisture level must be less than 5%.

a) Preparation of mixture

The adhesive paste **ADHERE Ci 2.2 FIX** is a ready-to-apply adhesive. However, before use, the paste must be agitated to become more fluid.

a) Application

Spread the paste on the substrate in small areas, suitable for atmospheric temperature and humidity conditions. Level the surface obtained with a notched trowel with a size suitable for the piece to be applied. The piece to be fixed must be pressed against the substrate, with a slight movement and with the aid of a rubber mallet, until total smashing of the paste is obtained. Lift the pieces and check that the back of the pieces has at least 90% of its area covered by the adhesive.

For waterproofing plaster substrates, make a layer of **ADHERE Ci 2.2 FIX** on the substrate before fixing, incorporating a 2x2 mm fiberglass mesh. The final thickness of this layer must be between 1.5 mm and 2 mm. Wait at least 24 hours before fixing the coating.

Ceramics to be fixed should not be wetted on their back. For large pieces, for natural stones with a porosity of less than 5% or for tiles in fully glazed ceramic stoneware, double fixing must be carried out.

Joints between pieces with a minimum spacing of 2 mm should be provided to facilitate the drying process of the paste. On low-absorption substrates, such as ceramic or paint, **ADHERE Ci 2.2 FIX** dries more slowly. It is therefore always recommended to wait 48 hours before grouting the joints, otherwise wait 24 hours before grouting the joints.

If the bucket is left open too long a film will be formed on the surface that must be removed and, after stirring, the product will be ready for use again.

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a) Consumption

Theoretical consumption	Fixing method	
	Simple fixing	Double fixing
Notched trowel no. 6	2,5 kg/m ²	3,5 kg/m ²

b) Restrictions

Do not use **ADHERE Ci 2.2 FIX** in dense thicknesses as there is a risk of greatly increasing the drying time of the paste.

The adhesive paste should never be applied in isolated portions, but rather covering the entire substrate to be coated with ceramic or ornamental stone. The same applies in cases where it is recommended to use double fixing, with regard to the back of the element to be bonded.

Do not apply **ADHERE Ci 2.2 FIX** outdoors, in substrates in poor condition or in immersed places such as saunas, swimming pools and reservoirs.

ADHERE Ci 2.2 FIX should not be applied when the ambient temperature and/or the substrate is below 5°C or above 30°C.

b) Complementary Advices

- No product that has started its open time should be applied. Do not soften the product by adding water after preparation;
- Do not add any other products. **ADHERE Ci 2.2 FIX** should be applied as it is shown in its original packaging.

5. PACKAGING AND VALIDITY

Packaging

20 kg plastic bucket in plasticized pallets of 33 buckets.

Validity

6 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

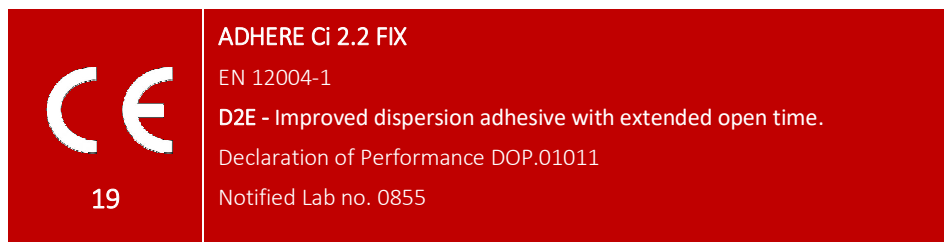
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6. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- Avoid contact with skin and eyes;
- Do not dispose of waste in the sewage system;
- Use only in well-ventilated areas;
- Use protective clothing and appropriate gloves;
- Keep out of children's reach.



Being the conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.

Revision of January 2019
FT.01011.02 EN