

ADIFLEX

Latex for improving the FLEXIBILITY, adhesion and impermeability of cementitious adhesives



WARNING

ADIFLEX should not be used:

- ◆ On surfaces subject to vibrations or **extreme** bending (use **ELASTICER**).
- ◆ Out of the admissible temperature range.
- ◆ Do not use it for laying slabs in swimming-pools (use **TECNOCOL FLEX**).

FIELDS OF APPLICATION

- ◆ It is always used as a **substitute** for WATER in the mix with cementitious adhesive.
- ◆ Mixed with cementitious adhesives produces a **flexible adhesive** suitable for the most demanding loads.
- ◆ For laying ceramic tiles, all types of mosaics, marbles or slates, even in large formats, in floorings and facings, in both INTERIORS and EXTERIORS.
- ◆ Tiles on integral heating installations, or on cooling systems.
- ◆ Ideal for tiling **exteriors**, such as facades, balconies, terraces and areas exposed to contraction-dilation movements of ceramic materials.
- ◆ Tiles on prefabricated-concrete walls.
- ◆ Tiles on substrates subject to vibrations and/or bending.

TECHNICAL SPECIFICATIONS

ADIFLEX is a liquid formed of polymers in aqueous dispersion which, mixed with hydraulic additives and their compounds, improves their flexibility, adhesion and resistances to compression and traction.



On floorings and facings, in interiors and exteriors

INSTRUCTIONS FOR USE

◆ Substrate:

All substrates should always be resistant, solid and free of dust, paint, wax, oils, grease, etc. They should also be perfectly hardened.

Moisten substrates that are highly absorbent or exposed to the sun in hotter months before starting to keep the mixture from losing water to quickly.

◆ Preparing the mixture:

Mix approximately 5-6 litres of **ADIFLEX** with each 25 Kg. of cementitious adhesive (e.g. **FIXACER** or **FIXSET FLEX**); use an electric mixer at a low rpm to prevent the formation of lumps. Leave to stand for 5 minutes and re-mix. The paste is then ready to use.

◆ Applying the mixture:

It is better to use a notched trowel, adjusting the size of the notches depending on the size of the pieces to lay.

You do not need to wet the pieces before laying them.

In difficult or outdoor applications, use the double-pasting technique.

To adhere pieces larger than 30x30cm., or of more than 40 Kg/m² also use a metal fixing or similar.

Use the tips of your fingers periodically to make sure that a skin has not formed on the surface. If a skin has formed, re-spread the adhesive with a notched trowel (never wet with water).

Always apply pressure to the tile to make sure a proper bond is established. Tap on the pieces with a rubber mallet. Protect the freshly laid tiles from excessive heat, sub-zero temperatures, rain, etc. for at least 24 hours after their placement.

◆ **Sealing the joints:**

We recommend the use of a specific material like **FIXCOLOR** (fine or thick grain), **EUROCOLOR FLEX** or **CERPOXI** or **PROFESSIONAL PX**.

Use **SELLALASTIC** or **SILICONA NEUTRA** on the expansion joints.

CONSUMPTION:		
	FIXCER	ADIFLEX
Mosaics up to 5 cm x 5 cm.:	approx. 2.5 kg/m ²	approx. 0.5 l/m ²
Tile up to 15 cm x 15 cm.:	approx. 2.5-3.0 kg/m ²	approx. 0.5-0.6 l/m ²
Large-size tiles:	approx. 4.0 kg/m ²	approx. 0.8 l/m ²

TECHNICAL SPECIFICATIONS	
DIRECTIVES	EN 12.004 (with FIXCER)
PRODUCT	
• Type:	Aqueous dispersion of synthetic polymers. Mixed with FIXCER produces a C2 T adhesive
APPLICATION	
• Proportion of mixture (with FIXCER):	5-6 litres ADIFLEX + 25 kg FIXCER
• Density of mixture (con FIXCER):	1,5 g/cm ³
• Application temperature:	+ 5° C a + 35° C
• Open time:	20 min.
• Adjustment time:	45 min.
• Pot life:	2 hours
• Slippage:	< 0.5 mm.
• Thickness of layer:	< 10 mm.
• Sealing after:	24 hours
• Ready after:	48 hours
FINAL PERFORMANCE	
• Resistance to aging:	excellent
• Resistance to solvents:	good
• Flexibility:	excellent
• Initial adhesion:	≥ 1,0 N/mm ²
• Adhesion after immersion in water:	≥ 1,0 N/mm ²
• Adhesion after ageing through heat:	≥ 1,0 N/mm ²
• Adhesion after freezing-thawing cycles:	≥ 1,0 N/mm ²
• Pot life: adhesion (20 min):	≥ 0,5 N/mm ²
STORAGE	
• In places that are covered ventilated, keeping it in its original packaging:	12 months
PRESENTATION	
• Supplied in:	5 l and 25 l drums



Mixed with FIXCER flexible, very high-performance adhesive is obtained.



Pack the pieces solidly to ensure good bonding.