

Arredofix

HIGH PERFORMANCE READY TO USE PROFESSIONAL PASTE ADHESIVE FOR THE RECONSTRUCTED STONE AND BRICK LAYING.



Technical Data Sheet – Rev. 03/2018

DESCRIPTION

ARREDOFIX is a paste adhesive ready to use, composed of synthetic resins in watery dispersion, selected mineral fillers and special additives. ARREDOFIX is an easily applicable viscous paste. It is characterized by extended open time and thixotropic qualities that allow vertical applications without stone slip. ARREDOFIX has good water resistance that allows its use also in a slightly humid environment and excellent elasticity that allows its use onto flexible and deformable supports.

Classification according to European standard EN 12004 – D2TE · Dispersion adhesive (D) improved adhesion (2) no vertical slip (T) and extended open time (E).

FIELDS OF APPLICATION

ARREDOFIX is used for reconstructed stone and bricks laying at wall onto any kind of absorbent support like cement plaster, prefabricated concrete panels, asbestos cement, gypsum plaster, plasterboard and onto wooden panels etc. It may also be used for spot-bonding insulating panels such as expanded polystyrene panels, extruded polyurethane, rock and glass wool, etc.

SUBSTRATE PREPARATION

The supports must be plain, solid, consistent, free from inconsistent parts, dust, grease and old varnishes. New cement screeds must be cured (approximately one week per cm of thickness), otherwise ARREDOFIX will not set regularly. ARREDOFIX can be directly applied onto gypsum or similar supports, without prior application of insulating primers, provided that they are dry, solid and consistent.

APPLICATION

Apply a very thin first layer of adhesive with the smooth part of spatula to guarantee a good adhesion and to adjust the water absorption, then apply the adhesive with a suitable toothed spatula (6-8 mm). Apply a thin layer of adhesive at stone reverse (double spread method) and position each stone pressing it into place to embed it. Make sure the adhesive has not formed a superficial film. If this will happen, run the toothed edge of the spatula over it again. Grouting can be executed after 24 hours after laying.

YIELD

3 - 4 kg/m² according to the kind of support.

RECOMMENDATIONS

Do neither apply ARREDOFIX onto metal surfaces nor onto non absorbent ones. It can be used for big size stone laying. Protect the laid supports from rain for at least 10 days from the laying. Final hardening: after 7-14 days, according to the

support absorption. Adverse weather conditions may both shorten or extend the setting and hardening time. The tools used for the application can be washed with water when the adhesive is fresh and with trichloroethylene once hardened. For further details or special uses contact our Technical Department.

PACKAGING

ARREDOFIX is packed in plastic buckets of 8 kg on a 512 kg pallet and in plastic buckets of 20 kg on a 640 kg pallet. Store the product in a dry place, sheltered from frost, in the original well-closed packaging. In these conditions its shelf life is of 12 months.

TECHNICAL DATA

Compliant with standards:	EN 12004
Class:	D2TE
Aspect:	thick paste
Colour:	white
Specific weight (kg/m ³):	1600
Solid residue (%):	80
pH value:	≥ 9
Flammability:	no
Adjustment time:	≥ 60 min.
Grouting after:	24 h
Operating temperature:	da -30 °C a +90 °C
Admitted application temperature:	da +5 °C a +35 °C

FINAL PERFORMANCE EN 12004 Class D2TE

	Results	Rule
Initial adhesion strength at 28 days (N/mm ²):	≥ 1,0	EN 1324
Adhesion after heat action (N/mm ²):	≥ 1,0	EN 1324
Adhesion after immersion in water (N/mm ²):	≥ 0,5	EN 1324
Adhesion after high temperature (N/mm ²):	≥ 1,0	EN 1324
Open time (min.):	≥ 30	EN 1346
Slip (mm):	≤ 0,5	EN 1308

| Tests performed at 23°C-R.H. 50% in the absence of air ventilation |

SAFETY INSTRUCTIONS

The product contains synthetic resins, which may cause slight irritation to the hands. Use protective gloves. Consult the Safety Data Sheet in order to use the product safely.

SPECIFICATIONS

Cladding laying in reconstructed stone, frost-proof, breathable, low-water absorption, *model* from the COLMEF Srl PIETRE D'ARREDO brand, for the cladding of internal and external walls. For laying, use paste adhesive with high performance, no vertical slip and extended open time, classified as D2TE in accordance with Standard EN 12004, such as **ARREDOFIX** from the COLMEF Srl PIETRE D'ARREDO brand, suitable for the laying onto traditional supports, onto gypsum, plasterboard without prior application of insulating primer. Point the stone using the appropriate breathable low-water absorption mortar, such as **ARREDOSTUCCO** from the COLMEF Srl PIETRE D'ARREDO brand, *in colour*

FOR FURTHER DETAILS OR SPECIAL USES CONTACT THE **TECHNICAL DEPARTMENT**.

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The information in this bulletin is based on our best experience. We cannot be held liable for any product misuse. We therefore recommend anyone who intends to use this product to assess whether it is suitable for the intended application and to perform preliminary tests.

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