

EDILSTIK

SYNTHETIC LATEX FOR IMPROVING CEMENT MORTAR PERFORMANCE

EDILSTIK
Synthetic latex for improving cement mortar performance

PRODUCT	Synthetic latex for improving the properties of cementitious mortars. Based on macromolecules in aqueous solution.
PACKAGING AND STORAGE	· 1 kg bottle (10 bottles per box - 10 boxes per pallet = 100 kg). · 5 kg tank (100 tanks per pallet = 500 kg). · 20 kg tank (27 tanks per pallet = 540 kg). · 1,000 kg palletised tank.
FIELDS OF APPLICATION	· Additive for the preparation of skimming mortars for thin-layer surface protection (1-2 mm), or to promote adhesion to the substrate in the Piano Zero system. · Additive for mortars used for patching plaster or renovating internal and external cementitious surfaces. · Additive for the preparation of special mortars to increase their adhesion and elasticity. · Additive to regulate the drying of cementitious mortars and control shrinkage during setting. · Bonding bridge for construction joints in cementitious mortars ("wet on wet").
ADVANTAGES	· Reduction of the water-cement ratio. · Improvement in the final mechanical properties of mortars. · Control and reduction of shrinkage. · Reduction in the formation of surface cracks.

DILUTION

Edilstik must be diluted with clean water in the proportions indicated below, according to its intended use:

USE	EDILSTIK (Parts)	WATER (Parts)
Very low-absorption substrates:	1	-
Low-absorption substrates:	1	1
Absorbent substrates:	1	4
Plaster scratch coat:	1	3 to 6
Construction joints:	1	1 to 5
Repair mortars (up to 10 mm thick):	1	3 to 4
Repair mortars (over 10 mm thick):	1	5 to 8
Salt-resistant plasters:	1	3
Powdery plaster consolidation (2 coats):	1	5

CONSUMPTION	On very low-absorption substrates - use undiluted Edilstik: (e.g. Edilteco screeds from the Politerm® and Isolcap ranges with a density > 800 kg/m³). — 150 g/m²
	On low-absorption substrates - dilution 1:1: (e.g. Edilteco subfloors from the Politerm® and Isolcap ranges with a density between 110 kg/m³ and 800 kg/m³). — 100 g/m²
	On absorbent substrates - dilution 1:4: — 50 g/m²

EDILTECO® group | THERMAL Insulation & Chemicals Division

Edilteco S.p.A. Via dell'Industria, 710 . 41038 San Felice sul Panaro (MO) Italy . Ph. +39 0535 82161
www.edilteco.com | export@edilteco.it

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV ISO 9001

© Copyright EDILTECO S.p.A. - Unauthorized reproduction is prohibited.

APPLICATION METHOD	**Use as an additive in cementitious mortars:** Dry-mix the binder and aggregate (sand and/or gravel). Separately, dilute Edilstik with clean water according to the ratios indicated in the relevant table, then add it slowly to the mix. For patching concrete surfaces, use Edilstik latex in the mix as a replacement for water. The substrate must be thoroughly clean and free from dust and any loose or friable parts. Any oil or grease residue must be removed. **"Wet on wet" application:** Mortars, plasters and coatings must be applied "wet on wet". It is recommended to dampen the substrate with clean water during the 12 hours prior to application.	
WARNINGS	· Keep away from frost. · Do not apply at temperatures below +5 °C.	
TECHNICAL CHARACTERISTICS	Appearance/colour:	fluid liquid/milky white
	Brookfield viscosity*:	96.6 cP
	Elastic modulus (screed mixed with additive):	1,086.03 MPa (average value from samples)
	Flexural strength (screed mixed with additive):	4.33 MPa (average value from samples)
	Specific weight:	1.0 ± 0.03 kg/L
	pH:	9
	Working temperature:	from +5 °C to +35 °C
	Residue at 105 °C:	20.7%

All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.

*r2 rotor, 200 rpm rotation speed.

Edilteco S.p.A. Via dell'Industria, 710 . 41038 San Felice sul Panaro (MO) Italy . Ph. +39 0535 82161
www.edilteco.com | export@edilteco.it

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV ISO 9001

© Copyright EDILTECO S.p.A. · Unauthorized reproduction is prohibited.