




TECHNICAL DATASHEET

StyroFix Universal

Fibre-reinforced adhesive for thermal insulation boards

Product:	FRAGMAT STYROFIX UNIVERSAL - grey is fibre-reinforced cement-based adhesive and Levelling material It provides high initial and final adhesive strength & elasticity	
Supplier:	Fragmat Mak Doo Industrial zone - Karposh, Kumanovo, 1300 Part of Fragmat Group Slovenia (www.fragmat.si)	
Size, packaging:	25 kg/bag	
Application:	Used for the fixing of insulation products (white and gray EPS, mineral wool to the wall - on each mineral-based (solid brick, concrete or cement plastered etc) surfaces - or applied directly onto the insulation product for the embedding of the fiberglass mesh in an external thermal insulation system.	
Material:	Cement, high quality granulated limestone and special additives.	

Properties	Relevant standards	Technical data
Quantity	Manufacturer's declared value	25kg ($\pm 1\%$)/bag
Necessary quantity of water (for mixing)	Manufacturer's declared value	~7,0 - 7,5 liter/bag
Coverage (as an adhesive)	Manufacturer's declared value	~5 kg/m ²
Coverage (as a base coat)	Manufacturer's declared value	~5 kg/m ²
Capillary water absorption	MKS EN 1015 – 18	Cm= 2.91 kg /(m ² *min0.5)
Adhesion of mortar on concrete substrate	MKS EN 1015 – 12	≥ 0.52 N/mm ²
Vapor permeability	MKS EN 1062-1	V ₁ > 150
Temperature of application (regarding both base surface and ambient)	Manufacturer's declared value	(+)5 – (+)30°C

Storage and handling

Under dry conditions, protected against wetness and moisture. In case of unopened package and the prescribed storage and handling conditions, the expiry date of the product is 6 months after production

Guarantee, warranty

In accordance with the current legislations and the conditions of the distributor. The observation of the application rules of the product and presentation of the invoice constitute a prerequisite for possible future warranty claims. Guidelines regarding the planning and application of external thermal insulation systems (ETICS) must be considered.

Standards, specifications

MKS EN 1015-1; MKS EN 1015-10; MKS EN 1015-18; MKS EN 1015-12; MKS EN 7783; MKS EN 1062-1

Health and safety

In accordance with the relevant Safety Data Sheet: **FRAGMAT- StyroFix UNIVERSAL grey**

This datasheet corresponds to our current knowledge, experiences and general information on the subject, but may be revised as new knowledge and/or experience becomes available. It does not imply any legally binding assurance. The product possesses the given technical characteristics. Since all variations of end-using of the product can not be anticipated, the designer/end-user's responsibility to make sure of the suitability of this product for particular purposes, structures.

This technical datasheet is applied to products sold by Fragmat Mak doo and valid until withdrawal or until modification.

