



	TECHNICAL DATASHEET	10-01-22
	ACRY ELAST Decorative protection of façade surface (ETICS)	

Product:	ACRY ELAST F1,5 mm ACRY ELAST F2,0 mm Acrylic, smooth render with a granules size of 1,5 / 2mm. ACRY ELAST R2,0 mm Acrylic, troweled render with a granules size of 2mm.	
Supplier:	Fragmat Mak Doo Industrial zone - Karposh, Kumanovo, 1300 Part of Fragmat Group Slovenia (www.fragmat.si)	
Size, packaging:	25 kg/plastic pail. Available in the colours of FRAGMAT colour chart.	
Application:	As a top coat of THERMOPLUS external thermal insulation systems (ETICS), it contributes to the protection of the system against weathering and provide a decorative finish. It is also applicable as a finishing layer of properly dried (at least 2-month-old) cement plaster inside and outside of the buildings, above the level of footing. Used together with its primer in identical colour, it provides perfect covering on the whole surface.	
Material:	Water-based acrylic binders, aggregates, pigments, special additives. All renders are protected against algae and mould growth and contain special water-repellent additives.	

Properties	Relevant standards	Technical data
Coverage (granule size of F1,5mm)	MDV	~ 2,8 kg/m ²
Coverage (granule size of F2mm)	MDV	~ 3,2 kg/m ²
Coverage (granule size of R2mm)	MDV	~ 2,6 kg/m ²
Drying time (render thickness per cm)	MDV	1 week (T = +20 °C, R.H. = 65 %.)
Adhesion on concrete	EN 1542:1999	0,7 N/mm ² (requirement: min. 0,3N/mm ²)
Liquid Water permeability,W	EN 1062-3:2008	W ₂ – (requirement ≤ 0,5 kg/m ² ·h ^{0,5} and > 0,1 kg/m ² ·h ^{0,5})
Water vapour transmission rate	EN ISO 7783-2018	> 150 g/m ² d
	EN 15824:2017 System 4 (Factory made external plaster internal render)	Bond Strength (adhesion): 0,7 N/mm ² Water vapour transmission rate: V1 (high) Liquid Water permeability: W2 (medium)

Storage and handling
Storage in closed plastic pail. In case of the prescribed storage and handling conditions, the expiry date of the product is 12 months after production. The effectiveness of the algicide is always depend on the local ambient, climatic circumstances, hence its lasting is not predictable exactly!
Air and surface temperature for application should not be lower than +5 °C and not higher than +35 °C, R.H. < 80%.
Protect the façade surfaces against the sun, wind and rainfall with curtains; however do not apply the paint in rain, fog or strong wind (>30 km/h), even with such protection.

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. More information regarding the application and restriction of the product can be found on the product label at the plastic pail or instruction of use - data sheets.

Standards, specifications
EN 15824:2017 - **System 4 (Factory made external plaster internal render)** Factory production control and occasional testing at various independent professional institutions, home and abroad.
In accordance with GUIDELINE FOR EUROPEAN TECHNICAL APPROVAL of EXTERNAL THERMAL INSULATION COMPOSITE SYSTEMS (ETICS) WITH RENDERING – ETAG 004

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.

