

 Greenspan® System Sales Ireland Ltd.	TECHNICAL DATASHEET	 EN 15824
	CORATREND acrylic render	

Product:	GreenTherm CORATREND acrylic render (to the colours of Coratrend system).
Supplier:	Greenspan System Sales Ireland Ltd. Ballyahill, Co. Limerick, Ireland (www.greenspan.ie)
Size, packaging:	In 25kg plastic pail: K (floated) with a granules size of 1,5mm (TR/P); K (floated) with a granules size of 2mm (TR/P); G (ribbed) with a granules size of 2mm (TR/P),
Application:	As a top coat of Thermomaster A-02 or other EPS based 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 3-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:	Ready to use decorative coating based on a mixture of synthetic acrylic resin, aggregates, pigments and water.

Properties	Relevant standards	Technical data
Quantity	Manufacturer's declared value	25kg / pail
Density of dried plaster	EN 1015-6	1,53 g/cm ³
Density of fresh plaster	Manufacturer's declared value	1,83 g/cm ³
Coverage (granule siz of 1,5mm)	Manufacturer's declared value	2,2-2,5 kg/m ²
Coverage (granule siz of 2mm)	Manufacturer's declared value	2,8-3,0 kg/m ²
Adhesion on concrete	EN 1542	0,45 N/mm ² (cohesion fracture within the plaster, requirement: min. 0,3N/mm ²)
Durability against freeze-thaw	EN 1542, EN 13687-3	0,39 N/mm ² (adhesion fracture at the border of primer and finishing coat, requirement min. 0,3N/mm ²)
Water absorption	EN 1062-3	W3 - low liquid water permeability (requirement $\leq 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$) measured value: 0,092 kg/m ² ·h ^{0,5}
Water vapour permeability		
Classification	EN ISO 7783-2	V2 - medium vapour permeability
V _{mean value} (vapour permeability)	EN ISO 7783-2	131,6 g/m ² ·24h (<15 V2 \leq 150)
Sd (water vapour diffusion-equivalent air-layer thick.)	EN ISO 7783-2	0,16m (\leq 0,14 V2 <140)
Thermal conductivity	EN 1745	~0,5 W/m.K
Reaction to fire	EN 13501-1	C
Dry matter content	EN ISO 3251	81,43 m/m%
Material loss (at 450°C)	ETAG 004 C.2.1.	8,65 m/m%
Drying time (surface)	MSZ ISO 1517:1993	8 hours
Drying time (total render thickness)	MSZ ISO 9117:1993	24 - 48 hours (max. 75% relative humidity)

Storage and handling

Under dry conditions, protected against atmospheric exposure, especially sun-radiation and other heat sources. Storing temperature is between (+)5°C and (+)25°C, in closed plastic pail. In case of the prescribed storage and handling conditions, the expiry date of the product is 18 months after production. The effectiveness of the algicide is always depend on the local ambient, climatic circumstances, hence its lasting is not predictable exactly!

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 productlabel at the plastic pail.

Standards, specifications

EN 15824, A-80/2007 ÉME, Application guidance of Thermomaster A-02 ETICS (Masterplast Group Zrt.)

Health and safety

In accordance with the relevant Safety Data Sheet: BA_Coratrend.akril.vékonyvakolat-20120101_HU

This datasheet corresponds the current knowledge on the subject, but may be revised as new knowledge and/or experience becomes available. 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 underlay for particular purposes, structures.

This technical datasheet is applied to products sold by Greenspan and valid until withdrawal or until modification. Since this datasheet may be subject to revision, it is the responsibility of designer/end-user to make sure of possessing the latest version of the datasheet ("see date of issuing). Most recent version of this datasheet can be also accessed under www.greenspan.ie. Modification of this technical datasheet repeals the previously issued versions!