

 Greenspan® System Sales Ireland Ltd.	TECHNICAL DATASHEET
	GreenTherm FIX

Product:	GreenTherm FIX adhesive and base coat render
Supplier:	Greenspan System Sales Ireland Ltd. Ballyhahill, Co. Limerick, Ireland (www.greenspan.ie)
Size, packaging:	25 kg/bag, 42 bags/pallet
Application:	Used for the fixing of insulation products (EPS, XPS) to the wall - on each solid brick, concrete or cementplastered surfaces - or applied directly onto the insulation product for the embedding of the fiberglass mesh (this layer provides most of the mechanical properties of the rendering) in an external thermal insulation system or cement board system.
Material:	Cement-bonding adhesive mortar with synthetic resin additive

Properties	Relevant standards	Technical data
Quantity	Manufacturer's declared value	25kg (±1%)/bag
Density	MSZ EN 543:1999	1352 g/l
Necessary quantity of water (for mixing)	Manufacturer's declared value	~7 liter/bag
Coverage (as an adhesive)	Manufacturer's declared value	2,5-5 kg/m ²
Coverage (as a base coat)	Manufacturer's declared value	3 - 3,5 kg/m ² (in first layer)
Start of setting (at 20°C)	MSZ EN 196-3:1996	6 hours
Transverse deformation of the adhesive	MSZ EN 12002:1998	2,8mm; 22N
Determination of slip	MSZ EN 1308:1999	<0,5mm
Determination of wetting capability	MSZ EN 1347:1999	95%
Determination of open time (bonding strength after 20 minutes)	MSZ EN 1346:2001	0,5 N/mm ²
Bonding strength to EPS (200×200×50mm)	MSZ EN 13494:2003	128,5 kPa (rupture of EPS board)
Bonding strength to embossed XPS (100×100×50mm)	MSZ EN 13494:2003	~ 200 kPa
Bonding strength to concrete (200×200×50mm)	MSZ EN 13494:2003	>250kPa
Temperature of application	Manufacturer's declared value	(+5 – (+)25°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 12 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.

Standards, specifications ETAG 004, MSZ EN 13499:2004, Application guidance of Thermomaster A-02 ETICS (Masterplast Group Zrt.)

Health and safety In accordance with the relevant Safety Data Sheet: BA_Greenspan.FIX-20110510_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 product 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.masterplastgroup.com.