


Thermomaster D-H Anchor

Product:	Thermomaster D-H Anchor	
Supplier:	MASTERPLAST Kft., 8143 Sárszentmihály, Árpád u. 1/a. (www.masterplastgroup.com)	
Size, packaging:	250 pcs/box	
Application:	For mechanical fixing of the EPS, XPS and mineral wool in external thermal insulation systems with rendering. By planning the necessary quantity of anchor, the national regulations and circumstances (wind-load) must be considered, but minimum 4 pieces/m ² is necessary. The minimum thickness of the wall and the minimum distance among the anchors must be >100mm.	
Material:	White polypropylene sleeve and galvanised steel expansion nail with polyamide cap (PA6)	

Properties of Polypropylene sleeve	Relevant standards	Technical data
Length (L _a)	MDV (Manufacturer's declared value)	95, 115, 135, 155, 175, 195mm
Nominal diameter of sleeve (d _{nom})	MDV	Ø 8mm
Diameter of plate	MDV	60mm
Properties of expansion pin		
Length (L _{nm})	MDV	100, 120, 140, 160, 180, 200mm
Nominal diameter of pin (d _m)	MDV	Ø 4,8 mm
Quality of steel		f _{y,k} = 190MPa, f _{u,k} = 310MPa
Thickness of coating	EN ISO 4042	≥15µm
Properties of anchor		
Nominal diameter of drill bit (d _b)	MDV	Ø 8mm
Cutting diameter of drill bit (d _{cut})	MDV	≤ 8,45mm
Depth of drill hole (h ₁)	MDV	≥ 60mm
Effective anchorage depth (h _{ef})	MDV	≥ 50mm
Tension load (N _{Rk}) in concrete (C12/15, EN 206-1)	ETAG 014	0,4kN
Tension load (N _{Rk}) in concrete (C20/25 - C50/60, EN 206-1)	ETAG 014	0,6kN
Tension load (N _{Rk}) in solid masonry	ETAG 014	0,4kN
Tension load (N _{Rk}) in hollow or perforated units (EN 771-1)	ETAG 014	0,3kN
Tension load (N _{Rk}) in aggregate concrete masonry units (Dense and light-weight aggregates, EN 771-3)	ETAG 014	0,4kN
Tension load (N _{Rk}) in autoclaved aerated concrete masonry units (EN 771-4)	ETAG 014	0,4kN

Storage and handling
Under dry conditions, protected against atmospheric exposure, especially sun-radiation and other heat sources as well as against moisture and rain.

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
Application guidance of Thermomaster A-02 ETICS (Masterplast Group Zrt.)

Health and safety
No labelling required in accordance with the relevant regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH).

This datasheet corresponds the current knowledge 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 underlay for particular purposes, structures.

***This technical datasheet is applied to products sold by Masterplast Kft. 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.