TECHNICAL DATASHEET

MASTERMAX PREMIUM 150
MASTERMAX PREMIUM 150 SA2

CE 17
EN 13859-1, EN 13859-2

Product:	MASTERMAX PREMIUM 150 MASTERMAX PREMIUM 150 SA2 (with two self-adhesive tapes)
Supplier:	MASTERPLAST International Kft., 8143 Sárszentmihály, Árpád u. 1/a. (www.masterplastgroup.com)
Size, packaging:	1,5m*50m - 75m^2/roll
Application:	Vapour-permeable underlay for discontinuous roofings. Used as a subsidiary protective layer against moisture (liquid water penetration, wind-blown snow) and wind in pitched roof structures. The product is laid directly over the thermal insulation, timber boarding or other solid support, paralell to the eaves with minimum 10 cm overlapping and the printed side to the roofing. The underlay is fixed along the rafters with counter battens (min. 50/50mm). These battens lift the tiling battens off the underlay and create an effective drainage path to the eaves.
Material:	Vapour-permeable and watertight function membrane with polypropylene layer protection on both sides.

Properties	**Relevant standards**	**Technical data**
Length	EN 1848 - 2	50m (-)0%
Width	EN 1848 - 2	150cm (-)0,5% / (+)1,5%
Straightness	EN 1848 - 2	< 30 mm/10m
Mass per unit area	EN 1849 - 2	150g/m^2 (±)5%
Reaction to fire	EN 13501-1, EN ISO 11925-2	E
Resistance to water penetration	EN 1928	W1
Water vapour transmission (Sd)	EN ISO 12572	0,03 m
Tensile strength (MD/XD)	EN 12311-1	310 N/5cm / 300 N/5cm
Elongation at maximum tensile force (MD/XD)	EN 12311-1	55 % / 35 %
Resistance to tearing (MD/XD)	EN 12310-1	190 N / 200 N
Dimensional stability (MD/XD)	EN 1107-2	<1% / <1%
Flexibility at low temperature	EN 1109	(-)40°C
Changing of properties after artificial ageing		
Resistance to water penetration	EN 1928	W1
Tensile strength (MD/XD)	EN 12311-1	max 25% / max 25%
Elongation (MD/XD)	EN 12311-1	max 25% / max 25%
Additional properties		
Resistance to penetration of air	EN 13859-2	<0,1m^3/m^2.h.50Pa
Temperatur resistance		(-)40°C - (+)100°C
Short time temperature resistance	EN 1296	(+)120°C
Resistance to UV		3 months

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. The installed underlay should not be left uncovered for longer than it is absolutely necessary (max. 2 months), but until finishing the roofing, application of additional covering (e.g. PE foil) is advised to ensure the protection of interiors against wetness. Masterplast International Kft. shall be not liable for damages and neither for consequential damages resulting from water infiltration through the underlay during the construction period. Any damaged areas should be repaired or replaced before roofing!

Standards, specifications

EN 13859-1, EN 13859-2

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 to our current knowledge, experiences and general informations 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 Masterplast International 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. Modification of the technical datasheet repeals the previously issued versions!