

# MASTERPLAST

## ALUKRAFT PRO vapour-barrier underlay



### Application:

As a vapour-barrier installed behind the internal lining (e.g. plasterboard) - covered by the thermal insulation -, it minimises the passage of vapour through the structure, also reduces the air-infiltration and heat losses (in case of tight sealing by overlappings and jointings). It can be installed also in case of particularly high heat and vapour stress (e.g. in saunas).

### Material:

Kraft paper with glasnet-scrim reinforcement and aluminium protective lamination.

Properties	Relevant standards	Technical data
Length	EN 1848 - 2	50 m (-)0%
Width	EN 1848 - 2	120 cm (-)0,5% / (+)1,5%
Straightness	EN 1848 - 2	<75 mm/10 m
Mass per unit area	EN 1849 - 2	120 g/m <sup>2</sup> (±10%)
Reaction to fire	EN 13501-1	F
Watertightness	EN 1928, Method A	W1
Water vapour transmission (Sd)	EN 1931	>3000 m
Tensile strength (MD/XD)	EN 12311-1	385 N/5 cm (±15%)/ 335 N/5 cm (±15%)
Elongation at maximum tensile force (MD/XD)	EN 12311-1	~2% / ~2%
Resistance to tearing (MD/XD)	EN 12310-1	>25 N / >25 N
Temperature resistance		(+)120°C
Changing of properties after artificial ageing		
Water vapour transmission (Sd)	EN 1931	max. 50%

### 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. Masterplast International Kft. shall be not liable for damages and neither for consequential damages resulting from water infiltration through the roofing and/or the underlay during the construction period. Any damaged areas (result from construction, carelessness, weather conditions) shall be repaired or replaced before completion!

### Standards, specifications:

EN 13984

### Health and safety:

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

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. The manufacturer supposes essential technical skill and skillfull application during construction.

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### Supplier:

MASTERPLAST International Kft.  
8143 Sárszentmihály, Árpád u. 1/a.  
[www.masterplastinternational.com](http://www.masterplastinternational.com)

