

Advanced Materials**RenShape[®] BM 5108-1**

BOARD MATERIAL
MICRO CELLULAR PU-MATERIAL WITH LOW DENSITY
(80-90 KG/M3)

KEY PROPERTIES	<ul style="list-style-type: none">• Resistant to organic solvents• Good heat resistance (> 80 °C)• Very lightweight and smooth• Easily shaped (low dust/particles)
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APPLICATIONS	<ul style="list-style-type: none">• Design models• Program proving• Supporting structures for modelling paste and Clay/Plasticine• Negative moulds for net size casting
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PRODUCT DATA

Product	Colour	Test method
RenShape [®] BM 5108-1	yellowish	visual

PROPERTIES

Density	ISO 1183	g/cm ³	0.08
Fire class	DIN 4102		B 2

BONDING

System		RenPaste[®] SV 36 Ren[®] HY 5162
Appearance	visual	White
Mix ratio	Parts by weight	100 : 35
Pot life at 25°C	min	45
Clamping time	h	12

MILLING Milling parameter available on request.

STORAGE Board material may be stored flat in original cartons at 2° to 40°C in a dry area. Temperature variations should be avoided when transporting and storing board material.

WORKING CONDITION The product should be used when in the temperature range 20° to 25°C.

PACKAGING

Dimensions (mm)	Volume (liter)
2000 x 1000 x 200	400
2000 x 1000 x 420	840

We can also offer the boards with 100mm, 150mm, 200mm and 300mm thickness

HANDLING PRECAUTIONS**Caution**

Our products are generally quite harmless to handle provided that certain precautions normally taken when handling chemicals are observed. The uncured materials must not, for instance, be allowed to come into contact with foodstuffs or food utensils, and measures should be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The wearing of impervious rubber or plastic gloves will normally be necessary; likewise the use of eye protection. The skin should be thoroughly cleansed at the end of each working period by washing with soap and warm water. The use of solvents is to be avoided. Disposable paper - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. These precautions are described in greater detail in the Material Safety Data sheets for the individual products and should be referred to for fuller information.

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