



## TECHNICAL DATA SHEET

DATE: 12.06.2010  
PAGE: 1

### CHEMOLAN B45

#### Product description

Quick-setting one-part polyurethane-based moisture curing adhesive.

#### Areas of application

Bonding of wood, plaster, plasterboard, metal, bricks and concrete on themselves or with each other.

Bonding of outdoor joinery requiring very good resistance to humidity.

Bonding of extruded or expanded polystyrene, mineral wool, fibre cement, chipboard panels, steel sheets and wood.

#### Substrates preparation :

The substrates to be assembled must be flat, dry, dust free and not have any traces of grease or other contaminants that could adversely affect the bonding performance.

#### Application :

The adhesive is applied on one of the substrates to be bonded with a brush or a serrated spreader. One of the materials to be bonded must be porous or contain moisture.

In case of two non-porous materials, spray a light water mist (10 to 15 g/m<sup>2</sup>) onto the adhesive film. The setting time depends on hygrometry and temperature.

Assembling has to be followed immediately by a uniform pressure applied across the entire surface. A strong pressure is not necessary but the materials must stay in full contact during setting time.

Technical data	
Viscosity [20 °C]	7500 – 8500 mPa*s
Density [20 °C]	1,1 – 1,2 g/cm <sup>3</sup>
Bonding temperature	Min. 15 °C Optimal 20 °C Do not use below 5 °C
Open time [20°C]	20 – 25 min
Pressing time [20°C]	60 min
Wood moisture	8 – 20 %
Color	brown

#### Consumption

120 to 250 g/m<sup>2</sup> according to the materials to be bonded

#### Storage and shelf life

12 months in closed original packaging stored in dry premises between 5 and 25 °C

#### Safety

Harmful. Read material safety data sheet before use.

INTERCHEMOL S.A., ul. Siemianicka 55, 55-120 Oborniki Śląskie  
E-Mail: [biuro@interchemol.com.pl](mailto:biuro@interchemol.com.pl), telefon: 071 310 27 49, fax: 071 310 24 95 w. 25  
Internet: [www.interchemol.com](http://www.interchemol.com)

The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute and other warranty express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.