



# TECHNICAL DATA SHEET

## SK2TM78-3

Two component adhesive for polyurethane master boards

### ► DESCRIPTION

SK2TM78-3 - is a two-component adhesive system on polyurethane base, which cures at room temperature. This adhesive is suitable for bonding modelling boards SK2TM78-1 and SK2TM78-2 before mechanical treatment.

### ► ADVANTAGES

- high resistance
- very good filling behaviour

### ► PROPERTIES

- excellent filling properties
- no sagging at vertical surfaces
- shore D hardness approx. 65

SPECIFICATIONS				
Product		Mixture	Resin adhesive Comp. A	Hardener Comp. B
Colour		Brown	Brown	Brown
Mixing ratio	p. b. w.	-	100	50
Viscosity at 25°C	mPas	thixotrope	pasty	120 ± 20
Density at 20°C	g/m <sup>3</sup>	0,80 ± 0,03	0,68 ± 0,02	1,23 ± 0,02
Pot life 150g/20°C	min	15-20	-	-
Curing time at RT	Hrs.	8-10	-	-
TECHNICAL SPECIFICATIONS				
Properties	Inspection requirements		Unit	Value
Flexural strength	EN ISO 178		MPa	40 ± 5
Flexural elongation at break	EN ISO 178		%	5,2 ± 0,3
Flexural modulus	EN ISO 178		MPa	1370 ± 100
Compressive strength	EN ISO 604		MPa	36 ± 4
Heat resistance (HDT)	DIN EN ISO 75 B		°C	80 ± 3
Shore hardness	DIN ISO 7619-1		Shore D	65 ± 3



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### ► PROCESSING INSTRUCTIONS

Mix components A and B carefully.

We recommend application with a spreading spatula.

Consumption: approx. 600 - 700 g/m<sup>2</sup>.

We recommend to apply the adhesive with a spreading comb.

A mechanical treatment can be carried out not before 8 – 10 hours.

### ► STORAGE

Storage at room temperature 18-25 °C.

Already opened containers should be closed immediately after use and should be used as soon as possible.

Information about the expiration date you find on the sales packages.

### ► SAFETY MEASURE

Basic safety precautions should be met when handling the product:

- ensure good room ventilation
- wear gloves, goggles and protective clothing
- do not smoke during processing.

For more information please see the product safety data sheet.

### ► GUARANTEE

The information of our technical data sheet is based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of the products, under their own conditions before commencing with the proposed application. We refuse any guarantee about the compatibility of a product with any particular application. We disclaim all responsibility for damage from any incident, which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.