

BOSS® 7247 PA

TECHNICAL DATA

Basis	Acrylic dispersion
Consistency	Liquid
Curing System	Polymerisation through moisture
Colour	Light brown
Density	1.2 g/ml
Viscosity (Brookfield)	Ca. 5.500 mPa.s
Temperature resistance**	-35 °C → 80 °C
Open time (23°C, 55% RV) (*)	± 25 min
Pressing time	1-2h
Shear	> 7 N/mm ² (Wood/Wood)
Application temperature	5 °C → 35 °C
Consumption (*)	100-250 g/m ²

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

** This information relates to fully cured product.

Description

BOSS 7247 PA is a one-component, solvent free, ready to use, universal, construction adhesive based on polyurethane. It has excellent adhesion, fast build-up of strength and fast curing when moistened.

Properties

- Professional quality
- Flexible Adhesive
- Very high final strength
- Moisture- and weather resistant.
- Foams up slightly, fills up cavities
- Good temperature resistance

Applications

- All kinds of bonding in the industry.
- Bonding of rigid plastic panels.
- Bonding of soft and hard polystyrene.

- Bonding of different foam types like polyether, polyurethane, polystyrene. Bonding of paper, metal foils, felt, textile, cork, both mutually as on wood, board, chipboard, concrete, masonry, brick & metal

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5°C and +25 °C.

Substrates

All usual substrates for bonding, a variety of porous and non-porous materials, Not suitable for PE, PP, PTFE and bitumen.

Nature: clean, free of dust and grease. We recommend a preliminary adhesion test on any substrate.

Application method

BOSS 7247 PA cures by reacting with water and foams during this process. If the surface is moistened (e.g. by atomisation), the curing process accelerates and the



BOSS® 7247 PA

filling capacity of the adhesive increases. 3-5 % water/-glue is sufficient. Clamping of the materials, during the curing, is necessary in order to achieve the final maximum possible strength. Due to the foaming reaction, clamping or pressing is recommended. The curing can be further accelerated by using a heated press, we recommend not to exceed 70 °C.

Cleaning: Acetone or Iso-propanol. Or with Soudal Swipex. Cured BOSS 7247 PA can only be removed mechanically. Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Wear gloves. Consult label and material safety data sheet for more information.

Users please read

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization. The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The users exclusive remedy and the suppliers sole liability is limited to refund of the purchase price or replacement of any

product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind. Suggestions of uses should not be taken as inducements to infringe any patents.

Disclaimer: This technical data sheet replaces all previous versions. The directives contained within this documentation are the result of our experiments and experience, and have been submitted in good faith. Because of the diversity of the materials and substrates, in addition to the great number of possible applications that go beyond our control, we cannot accept any responsibility for the results obtained. Further, since the design, quality of the substrate, and processing conditions are beyond our control, no liability under this publication will be accepted. In every case, it's therefore recommended to carry out preliminary experiments. BOSS reserves the right to modify its products, without prior notice.

Accumetric Silicones Pvt Ltd

No. 16/1, Corporation Road, Seevaram, Perungudi, Chennai - 600 096, Tamil Nadu, India.
Customer Support: +91 44 4026 0345 - 60
indiasales@bossproducts.com
www.bossproducts.in