

**Technical data:**

Consistency	liquid
Color	creamy
Chemical base	one component adhesive, water dispersion
Density <sup>1</sup> (PN-EN 542:2005)	1,38 g×cm <sup>-3</sup>
Viscosity <sup>2</sup> (PN-EN 12092:2004)	10300 mPa×s
pH	6,5
Shore A hardness (PN-EN ISO 868:2005)	85 (after 28 days)
Reaction to fire class - except for floors and linear products for thermal insulation of wires (PN-EN 13501-1:2019-02)	A2-s1, d0
Reaction to fire class - for floors (PN-EN 13501-1:2019-02)	B <sub>f1</sub> -s1
Shear strength during stretching (PN-EN 205:2016- 09) <sup>3</sup>	3,34 ± 0,21 MPa
Flexibility (PN-EN ISO 1519:2012)	No cracks in the diameter shaft 32 mm
Drying time	up to 20 minutes
Binding speed	0,3 mm/up to 2h
Application temperature	from 5 to 25°C
Use	from 0,4 to 0,8 kg/m <sup>2</sup>
Package	10 kg Bucket 200 kg Barrel 1000 kg Container
Expiration date	6 months from the date of production
Storage temperature	from 5 to 25°C

<sup>1</sup> T=23°C<sup>2</sup> T=23°C, measured by Brookfield method (A/5/10)<sup>3</sup> for samples made of beech wood

**Caution:** before starting the application, read and follow the recommendations contained in the product technical sheet. If in doubt or if you need more information, please contact the representative of Carboline Polska Sp. z o.o.

**Product description:**

MSFG-100 is a flame resistant one-component aqueous polymer dispersion (poly (vinyl acetate)) with refining additives. The adhesive does not contain organic solvents. The adhesive has excellent adhesion and good performance, hardens within a short time of application creating a flexible, very strong joint.

**Application:**

MSFG-100 adhesive is intended for use in construction industry, and in particular for sticking various materials together, especially wood panels, mineral wool, mineral panels, metal sheets - stainless steel, aluminum, copper and mineral plasters.

Suitable for external insulation of buildings and insulation consisting of several layers of insulation and decorative materials glued together, sticking non-flammable floor coverings. It can be applied by hand or hydrodynamically to both porous and non-porous bases.

**Application:**

The method of applying MSFG-100 depends on the surfaces to be glued and the assembly technology. In order to glue the surfaces they should be clean, free from any grease and moisture. The adhesive can be applied to one or both surfaces.

**Storage:**

The adhesive should be stored in tightly closed containers in ventilated warehouses far away from flames and heat sources. Minimum storage temperature +5°C, Do not expose to overheating by solar radiation. The product should be used within 6 months from the date of manufacture. Once opened, the originally closed container should be used within 24 hours.

**Health and safety recommendations:**

The product is intended for use by professional companies in industrial conditions. Work related to product application should be carried out in accordance with applicable health and safety and environmental protection regulations.

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The above information is based on our current knowledge and experience. We give it in good faith. However, due to the variety of methods and conditions of application, they should be verified in specific applications. The manufacturer's liability and obligations are excluded from the conditions set out in the applicable standard.