

TECHNICAL DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

NAME OF THE PRODUCT	BOSSFILL Polyurethane joints sealer
CODE	080027 (White, 300ml) 080028 (Grey, 300ml) 080029 (Black, 300ml)
DISTRIBUTOR	BOSSAUTO INNOVA, S.A.
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2. DESCRIPTION

BOSSFILL POLYURETHANE is single component polyurethane based elastomeric sealant which cures under the effect of atmospheric humidity to form a flexible and resistant joint with very good adhesion on most materials.

3. AREAS OF APPLICATION

BOSSFILL POLYURETHANE can be used for bonding and caulking different materials used in the general industry: concrete, wood, aluminium, most lacquered metals, polyester, glass, stone, etc. Mainly used for automotive and maritime purposes.

4. TECHNICAL DATA

Appearance	Pasty
Colour	White, grey, black
Density at 20°C	Black: 1.15±0.05/ others: 1.18±0.05
Sagging (ISO 7390)	None
Application temperature	5 to 35°C
Skin formation time at 23°C and 50% HR	Ca. 60 min.
Cure time at 23°C and 50%HR	4mm/24h
Final Shore A hardness (ISO 868-3 seconds)	Ca.45
Temperature resistance	-40 to +90°C
Resistance to dilute acids and bases	Average
UV resistance	Good
Water and salt spray resistance	Excellent
Compatibility with paints	Water based: yes Solvent based: carry out tests beforehand.
Specific data	Modulus at 100% (ISO 37): 0.6MPa Elongation at break (ISO 37): >600%

5. INSTRUCTIONS FOR USE

A. Surfaces preparation

The surfaces must be clean, even, dry, and free of dust, oil, grease and any contaminants that could harm bonding. All traces of poorly adherent paints or coatings should be systematically removed beforehand. Clean the surfaces with BOSSFILL POLYURETHANE, methylethylketone (MEK), acetone or degreaser. Check the compatibility of the solvent used with the substrates. If necessary, rub down metal surfaces beforehand. Clean them after rubbing down. Allow the substrates to dry after degreasing. If necessary, apply a primer.

Note: When using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer or supplier. We recommend cleaning concrete with a metal brush.

B. Caulking

The product can be applied by a manual or pneumatic gun. After application, each joint should be smoothed out using a wet and soapy plastering knife. This product should be used within 24 hours of opening the cartridge or sausage; otherwise the sealant could harden inside. If applied in cold weather, store the packaging at about 20°C before use. Do not apply on silicones or in the presence of cured silicones. Avoid contact with alcohols and solvents during curing.

C. Cleaning

Tools can be cleaned with acetone or a primer before curing. After curing, abrasion is necessary.

6. CONSUMPTION (for a cartridge of 310ml)

Tube (mm):	2	3	4	5	6	7	8	9	10
Length of cord (m):	98	43	24	15	11	8	6	4	3

7. STORAGE AND SHELF LIFE

12 months in the original, hermetically sealed cartridges or sausages between 5 and 25°C.

8. PACKAGING

300ml cartridge.

9. SAFETY

Harmful. Read the material safety data sheet before use.

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