



# BLACK POLY-FOAM

**Project 1™ Black Poly-Foam** is a one component, gun grade polyurethane foam specially formulated to fill cavities and blend with undercarriages of RV, trailer, and other vehicles. In landscaping applications, Black Poly-Foam blends with and fills cavities around ponds and water features. Cured product is safe for water and fish. Project 1™ Black Poly-Foam stops air infiltration, blocking dust, dirt, debris and pests. No CFC's or HCFC's.

## TECHNICAL DATA

Volume:	40-45 l (free foamed) (750 ml) 30-35 l (free foamed) (600 ml)
Specific Gravity:	16-18 kg/m <sup>3</sup>
Application Temperature:	Surface min. +41°F (5°C) Can 68° - 77°F (20-25°C)
Tack Free Time: @64°F (18°C)/60% RH	5-10 min
Cutting Time: @64°F (18°C)/60% RH	20-25 minutes
Hardening Time:	1 ½ - 5 hours, depending on Temp and Humidity
Temperature resistance:	-40°F (-40°C) to 200°F (93°C)
Dimensional Stability:	max -1%
Water Absorption:	max 1 vol. %
Compression Strength:	
Tensile Strength:	
Elongation at Break:	20-30%
Thermal Conductivity:	
Flammability Class:	3, NFPA

## SPECIFICATIONS

UL Listed

## INSTRUCTIONS FOR USE

Surfaces should be clean and free of dust, grease, and other impurities. Dry and porous surfaces should be moistened with water. The optimal temperature of can at work is 68-77°F (20-25°C). At lower temps, put can into warm water (max 104°F) for about 20 minutes. Before use, shake can thoroughly with the valve upside down and screw onto the gun. Press the trigger and let the foam flow through can for 2 seconds. This fills the foam into the extension tube. The gun is now ready for use. During foam application hold the gun with the can in vertical position. The output of foam can be regulated with the trigger and controlled with the adjustment screw on the back side of the gun. When replacing the can, shake the new can vigorously, unscrew the empty can and immediately replace it with the new foam can. Switch cans quickly to avoid hardening in the adapter. Hardened PU residues in front of the nozzle can only be removed mechanically. At short work interruptions, less than 48 hours, the can can be left screwed onto the gun, but screw on the back side of the gun must be tightened. The can must be under pressure, otherwise foam will harden in the gun. At longer work interruptions, clean the gun with cleaner. It should be considered that the foam will expand 30-50%. If you are filling a gap wider than 5 cm, work in layers. Apply the second layer once the first one has hardened. You can speed up the process of hardening by spraying the foam with water. Once the foam has hardened, cut it with a sharp knife and finish as specified for the application. If you

do not use the entire can, clean the valve with cleaner or acetone. Hardened foam can be removed cleaner or mechanically.

**SHELF LIFE**

9 months in closed, original packaging stored at temperatures below 80°F.

**PACKAGING**

24 oz (680 gram) Aerosol Can

**NOTE:** The above technical information is based upon our best knowledge. The end user must test the product with its substrate prior to using it and verify that it is suitable for the application. Our liability is limited to replacement of defective product. We are not responsible for misuse or application specific requirements for which the product is not intended.



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