



Soudafoam Black

Revision date: jan-18

Page 1 of 2

Technical Data:

Base	Polyurethane
Consistency	Stable foam
Curing system	Moisture-cure
Skin formation (68°F/65% R.H.)	Ca. 8 minutes
Drying time (68°F/65% R.H.)	Dust-free after 20-25 min.
Curing rate (68°F/65% R.H.)	1 hour for a 1/8" bead
Yield	0.25 gallon yields 9-10 gallon cured foam
Yield (ASTM C-1536) (for 24 oz)	4005 linear feet (1221m) @ 1/4" (6.4 mm) dia. bead
Shrink	None
Post expansion	None
Cellular structure	Ca 70-80% closed cells
Specific gravity	Ca.1.56 lbs/cu.ft (extruded, fully cured)
Temperature resistance	-40°F to +194°F when cured
Color	Black
Fire class (DIN 4102 part 2)	B2
Insulation factor	4.1 for 1 inch
Perm rate	3.5
Shear strength (ASTM C-273)	8.70 psi
Compressive strength (ASTM D-1621)	4.35 psi
Tear strength	17.40 psi
Water absorption	1% Vol.
UL 723 (ASTM E 84) Fire Test	Flame Spread 15, Smoke Developed 35
VOC	180g/l

Product:

Soudafoam Black is an one-component, self-expanding, ready to use polyurethane foam. It won't discolor if exposed to UV radiation which eliminates the need for painting. Soudafoam Black is fitted with a plastic adaptor head for use with a foam applicator gun. It contains CFC-free propellants, which are completely harmless to the ozone layer.

- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)
- Very precise application due to the foam gun system
- Fish and plant safe

Characteristics:

- Excellent adhesion on most substrates like landscaping materials like stone and wood (except PTFE, PE and PP)
- High thermal and acoustical insulation
- No discoloration due to UV radiation
- Reduces auto noise pollution

Packaging:

Aerosol can 24oz

This information and all further technical advice are based on SOUDAL present knowledge and experience. However, SOUDAL assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, SOUDAL disclaims all WARRANTIES EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. SOUDAL SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. SOUDAL reserves the right to make any changes according to technological progress or further developments.



Soudafoam Black

Revision date: jan-18**Page 2 of 2****Application areas:**

Used to fill and seal around gaps and cracks in pond and waterfall design, landscaping, RV undercarriages, automotive, HVAC, crack and hole repair in trees, as well as to seal gaps and penetrations in the building envelope. Soudafoam Black is suitable for auto and outside use.

Shelf life:

- Always store can with the valve pointed upwards
- 18 months in unopened packaging in a cool and dry storage place at temperatures between 41°F and 77°F.
- Always store can with the valve pointed upwards

Application:

Shake the aerosol can for at least 20 seconds. Fit the gun on the adapter. Moisten surfaces with a water sprayer prior to application. Fill holes and cavities approximately 65%, as the foam will expand. Repeat shaking regularly during application. If you have to work in layers repeat moistening after each layer. Fresh foam can be removed using Soudal Foamcleaner or acetone. Cured foam can only be removed mechanically. Working temperature 41°F to 95°F. (68°F-77°F recommended)

Meets:

ASTM C1620
UL 723
UL 1715
ASTM E84

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.
- Remove cured foam by mechanical means only, never burn away
- Consult the label for more information

Remarks:

Work in layers and repeat moistening after each layer.

Limited Warranty:

SOUDAL warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, SOUDAL MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SOUDAL shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

Health and safety recommendation:

This information and all further technical advice are based on SOUDAL present knowledge and experience. However, SOUDAL assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, SOUDAL disclaims all WARRANTIES EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. SOUDAL SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. SOUDAL reserves the right to make any changes according to technological progress or further developments.