

Dr. Fixit USPRO Foam



SINGLE COMPONENT EXPANDING MULTI-PURPOSE POLYURETHANE FOAM

Description

Dr. Fixit USPRO Foam is a multi-purpose polyurethane foam used for a wide range of building applications.

Typical Applications

- To seal and fill voids around new window and door frames.
- As an insulating and sound absorbent sealant.
- General repair and filling of holes and gaps in building structures.
- Waterproofing.
- Noise and heat insulation.

Features

- Easy to apply.
- Expands to fill gaps and holes without the need for tooling.
- Single component.
- Bonds to a broad range of porous and impermeable surfaces.
- Tolerates damp substrates.

Packaging

750 ml aerosol.

Method of Application

1 SURFACE PREPARATION

- The substrate should be firm, clean, free from dust, oil and other contaminants that may impair adhesion. Porous materials such as cementitious substrates and timber should be moistened with water. The use of a water spray gun is advisable. Protect the surrounding materials from water and extruded foam which is difficult to remove once cured.

2 APPLICATION

- Shake can vigorously for one minute before use.
- Fix the nozzle to the dispenser.
- Hold the can upside down and depress the trigger.
- Fill cavity 35 - 40% with the foam to allow for expansion.
- Once used, do not attempt to unscrew the nozzle from the can.
- Spillages must be cleaned immediately and residue removed using Rok Thinners No. 1.
- Note, Moisture is needed to enable an even and rapid cure. Deep applications should be sprayed with water for every 50 mm of thickness.
- Once started, the foam will cure in the nozzle. It is prudent to arrange the repairs so all the contents can be dispensed in one application.

3 FINISHING

- The foam is tack free after approximately 10 minutes and can be cut after 60 minutes dependent on the size of the repair, ambient temperature and humidity.
- Cured foam will discolour through exposure to sunlight. Exposed material should be coated with a suitable paint finish.



Technical Information

PROPERTIES	RESULTS
Flame Retardancy	B3 GRADE (Burns readings)
Density	15 - 30 kg/m ³
Yield	Approx 38 litres (dep. on humidity)
Cell Structure	medium fine
Water Absorption (DIN 53433)	0.03% by volume
Thermo Conductivity	< 0.035 Kcal/m H.
Tack free Time	8 - 12 min.
Cutting Time	Approx. 60 min.
Full Cure	24 hrs.
Over Paint	24 hrs.
Application Temperature Range	5°C to 40°C
Temperature Resistance of Cured Foam	35°C to 80°C

Storage

When stored in dry conditions in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C and high humidity (above 50%) will reduce shelf life and product performance.

Health and Safety

- Flammable; remove all sources of ignition and do not smoke when using.
- Wear impervious gloves and safety goggles during application and avoid skin contact and inhalation.
- Can cause irritation to skin, eyes and respiratory system. Avoid breathing vapours and any contact with eyes.
- In case of contact with eyes, rinse with plenty of water and seek medical attention. In case of any accident, seek medical attention (and show the label if necessary).
- Contains Diphenylmethane - 4'4 - diisocyaante and other harmful chemicals.
- Do not expose to direct sunlight and temperature above +45°C during storage or application.
- Keep away from naked flames at all times and do not pierce or burn the can even after use.



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