



TECHNICAL DATA

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FUTURA-BOND 16677 FAST CURE EPOXY PATCH

Product Description

A two-component, 100% solids thixotropic epoxy fast-cure patching material. Designed to be applied as a resurfacing material or used to fill holes up to ½ inch (1.27 cm) deep.

Features

- Convenient 1:1 mix ratio
- Fast dry/cure time
- Easy to apply
- Paint-able

Recommended Uses

- Repair and joint filler for FUTURA-ROCK and FLEXBARK.
- Repair material for STYROTHANE materials.

Typical Properties

Solids Content (ASTM D-2369)	100%
Volatile Organic Compounds	0.0 lbs/gal (0 g/l)
Theoretical Coverage	1604 ft ² /gal @ 1 mil (3.79m ² /gal @ 1.0mm)
Recommend DFT	Up to ½ in (1.27 cm)
Flash Point - PMCC	230°F (110°C)
Number of Coats	Normally one
Mix Ratio (by volume)	1 "A" : 1 "B"
Shelf Life @ 50-85°F (10-30°C) In unopened containers	12 months

Ordering Information

Packaging:	2 gal kits
Shipping Weight:	11 lbs/gallon (5 kg/gal)

APPLICATION INFORMATION

FUTURA-BOND 16677

Mixing

Measure out the amount of FB16677 which will be used in a 3 to 5-minute period (mix ratio is 1:1 by volume). Using a *rigid* spatula or other *rigid* mixing utensil, mix the "A" and "B" components together very thoroughly. NOTE: Poorly mixed material may cause areas to remain partially or fully uncured, possibly resulting in blistering and separation.

Thinning

Do not use thinner with this product.

Pot Life

5 to 7 minutes at 75°F (24°C)

Application Conditions

Prepare application surface as needed. Minimum application temperature should be 45°F (7°C).

1. Using a spatula, putty knife or trowel, spread the FB16677 over the desired areas, applying in even thicknesses.
2. For a smooth finish, smooth the surface out while the FB16677 is still liquid. After the FB16677 has become tack free, mildly sand the FB16677 surface to the desired smoothness.
3. For a textured finish, use a slightly damp sponge. While it is still liquid, dab the surface until the desired texture is achieved.

Clean Up

Use a 1:1 mixture of MEK/Toluene.

Cure Time

The time to harden will vary with the surface temperature and material thickness. Typical hardening time is 12 hours at 80°F (27°C) for recoating. At cooler temperatures, allow for overnight curing time. Maximum strength and chemical resistance are reached in 96 hours at 80°F (27°C), or 6 days at 60°F (15°C).

Safety Information

- Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information before using this product.
- Components A & B are combustible materials. Keep away from flame and sparks.
- Do not apply material in enclosed areas without adequate air exchange and ventilation. Workmen should wear properly fitted respirators rated for organic solvents.
- All application personnel must use fresh air respirators or fresh air hoods.
- Wear protective clothing, gloves and eye protection to protect skin and eyes from contact with this material.
- Breathing fumes or contact with the skin may cause severe allergic reactions.
- **This product is intended for industrial use by properly trained professional applicators only.**

Storage Conditions

- Urethane coatings need to be protected from moisture contamination. Store drums and pails in a dry location at 60-90°F (16-32°C).
- Drums **must** be kept sealed at all times with a positive feed dry air, nitrogen blanket or desiccant cartridge system.
- Materials **must** be kept above 50-85°F (10-30°C).

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