



TECHNICAL DATA SHEET – FUTURA-PATCH 30052

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PRODUCT DESCRIPTION

A fast cure, two-component, 100% solids urethane with a thick, paste-like consistency designed to be used as a patching material for polyurethane and polyurea coating systems. Supplied in 300 ml caulk tubes for ease of application.

FEATURES

- Convenient 1:1 Mix Ratio
- Contains No Plasticizers
- Paintable
- Fast Cure Time
- Easy to Apply
- High Shore A value

RECOMMENDED USES

- Repair and Joint material for FUTURA-ROCK
- Repair and Joint material for STYROTHANE
- Repairs nicks, gouges and dents in finished speaker cabinets
- Repairs display cases
- Repair material for damaged polyurethane and polyurea coatings

TYPICAL PROPERTIES

SOLIDS BY VOLUME (ASTM D 1353)	100%
THEORETICAL COVERAGE	1604 mil ft ² / gallon (4 sq.m/gal@1.0mm)
RECOMMEND DFT VARIES	Varies
MIX RATIO (BY VOLUME)	1"A" : 1"B"
SHELF LIFE @65-110°F (16-43°C)	12 months
COLOR	White and Black

SPECIFICATION DATA

ELONGATION – ASTM D 412, DIE C	10%
TENSILE STRENGTH – ASTM D 412	5800 psi (27.2 MPa)
HARDNESS – ASTM D 2240	75 Shore A
TEAR RESISTANCE – ASTM D 1938	900 PLI (158 KN/m)
FLEXURAL STRENGTH - ASTM D790	5370 psi (37 MPa)
FLEXURAL MODULUS – ASTM D790	137,000 psi (940 MPa)
IZOD IMPACT – ASTM D 256	44 in-lb (0.51 Kg-m)
GARDNER IMPACT – ASTM D 2795	44 in-lb
FALLING DART	(0.51 Kg-m)
HEAT SAG – ASTM3769	
150°F (65°C)	0.60 inch (1.5 cm)
200°F (93°C)	0.125 inch (0.3 cm)
250°F (121°C)	0.125 inch (0.3 cm)

ORDERING INFORMATION

PACKAGING	300 ml Caulk Tubes
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FUTURA-PATCH 30052

POLYURETHANE PATCHING MATERIAL



APPLICATION / TEMPERATURES:

Substrate temperatures should be sustained at 70 – 140°F (21-60°C).
Material should be maintained between 70 – 80°F (21 – 32°F) during use.

MIXING

Supplied in pre-filled 300 ml caulk tubes and requires no mixing.

WORKING LIFE

Working life is approximately 2 – 3 minutes at 75°F (24°C), is temperature dependent and decreases as the ambient temperature increases.

APPLICATION

- Place a 300 ml tube into a regular caulk gun.
- Unscrew the retainer ring from the front of the tube and remove the plug.
- Attach the static mixing tube and secure to the top of the caulk tube using the screw on retainer ring.
- Adjust the caulk gun plunger so that it rests against the push plate at the rear of the caulk tube.
- Squeeze the caulk gun trigger until material is extruded from the end of the static mixer.
- After the required amount of material has been extruded onto the patch area release the pressure on the plunger so that material flow stops.
- Smooth the extruded material over the patched area using a putty knife, trowel, squeegee or other appropriate tool to achieve the thickness and smoothness desired.
- Replace the static mixer as required. Typically the mixer should last for about 3 – 4 minutes before the material hardens making it unusable. Once the mixer becomes unusable remove it and replace with a new mixer.

CURE TIME: Tack Free @ 75°F - 5 min

SAFETY INFORMATION

- Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information.
- Do not apply material in enclosed areas without adequate air exchange and ventilation.
- Wear protective clothing, gloves and eye protection.
- Breathing fumes or contact with the skin may cause 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 in a dry location at 60-90°F (16-32°C).
- Materials must be kept above 50°F (10°C).

CLEAN UP: Use a MEK/T Toluene Blend

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