

TECHNICAL DATA SHEET

P-34

POLYESTER MODEL PLANK FILLER CARVABLE SEMI-RIGID BROWN

DESCRIPTION

P-34 SET-FAST MODEL PLANK FILLER offers the pattern and model maker the capability of forming, shaping and working the cured filler to precise and accurate trade applications without dulling or damaging tools. P-34 is ideal for finishing and changing fixtures made from polyurethane type of Model Planks (ref: SikaBlock® M600 and SikaBlock® M700). P-34 MODEL PLANK FILLER bonds to all types of wood and can be finished to a feather edge by sanding, carving, machining or scraping. P-34 is a creamy, non-sag paste which mixes easily and saves time and labor over other fillers which require longer cure. Typical applications include as a filler/patch for: master models, engineering changes, fillets and radius areas and pattern/ fixture and tooling applications.

PROPERTIES

- Exceptional adhesion to wood
- Excellent sanding / machinability
- Carvable
- Very quick setting
- Easy to use
- Low density (lightweight)

PHYSICAL PROPERTIES

	Units	P-34	Cream Hardener	Mixed
Composition		Polyester resin	BPO	Polyester paste
Mix ratio – by weight		100	2	100/2
Aspect		Thixotropic paste	Paste	Workable paste
Color	Visual	Brown	White, Black, Red	Varies
Density at 77°F (25°C)	lbs./gal (g/cc)		10.0 (1.2)	5.09 (.61)
Working time (100g) at 77°F (25°C)	Minutes			4.0 – 6.0
Hardness	Shore D			60

PROCESSING CONDITIONS

- Thoroughly blend 100 parts resin with 2 parts hardener by weight for 1 to 1 ½ minutes in a clean dry container or on a clean dry surface.
- Carefully scrape the surfaces while blending to ensure complete mixing and uniformity.

MIXING INSTRUCTIONS

Stir contents of can thoroughly using a spatula or putty knife. Place the required amount of filler and cream hardener on a disposable clean surface. Mix 100 parts paste to 2 parts BPO cream hardener by weight; i.e. size of golf ball (paste) to a two inch strip of BPO catalyst. Set up time of mix at room temperature will be 5-10 minutes and may be adjusted faster or slower by increasing or decreasing the amount of hardener, the use of too much hardener can cause gumminess in the filler. After 15-20 minutes the filler may be filed or sanded to final finish.

SURFACE PREPARATION and APPLICATION

- The area to be filled or repaired should be thoroughly cleaned, roughened, cleaned again and allowed to dry prior to application to ensure the best possible adhesion.
 - The mixed P-34 should be buttered into the area, avoiding trapping air during application.
 - After curing to a tack-free state, the material can be sanded and finished as needed.
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HANDLING PRECAUTIONS

Normal health and safety precautions should be observed when handling these products:

- Ensure good ventilation.
- Wear gloves, glasses and protective clothes.

For further information, please consult the Safety Data Sheets.

STORAGE CONDITIONS

- Product shelf life of polyester resin is 12 months when stored in original unopened containers between 65 – 77°F (15 – 25°C). Any opened can must be tightly closed.
- Product shelf life of BPO hardener is 18 months when stored in original unopened containers between 65 – 77°F (15 – 25°C). Any opened can must be tightly closed.
- Polyester resin contains filler which has the potential to separate in time, please re-homogenize prior to use.

PACKAGING

Packaging information on request, please contact your local sales representative or find your local contact on www.sikaadvancedresins.us

CONTACT

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