



Brick in the Yard
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Prop Foam 4

Technical Data Sheet
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PRODUCT DESCRIPTION AND APPLICATIONS

Prop Foam 4 is a 37A:100B mix (by weight) polyurethane self-skinning, low density flexible foam that has a free-rise density of 4 lb per cubic foot. Prop Foam 4 flexible foam is excellent for large body props, padding, and back-filling large, flexible props and parts.

Prop Foams work best when cast into warm Tin cure or Platinum silicone molds. Prop Foam 4 is "self skinning," but FP Casting Rubbers such as F-116 & F-105 are ideal for sloshing into molds to create skins for foam props.

Mixing Ratio: 37A:100B by Weight

Cream Time: 45 Seconds

Demold Time: 30 Minutes

Ideal working temperature: 75°F - 85°F

Coloring Prop Foam 4: PolyPig and 6800 pigments may be mixed into uncured foam. Iridescent powders and metal powder pigments may be brushed into a silicone mold before casting. Powder pigments will transfer to cure foam surface.

Mixing: Add pigments (up to 1% of weight) to Part B before adding part A. PolyPig colors and 6800 series pigments may be used to pigment Prop Foam 4. Colors will be slightly lighter once foam expands and cures.

Mix parts A and B (37A:100B By eight) in a clean mixing container with a clean stir stick or steel spatula, taking care to scrape the sides and bottom of the mixing container. Mix fast and pour into silicone or other properly released mold. Working time is 45 seconds at room temperature or 75F,

Flexible foam work best in warm environment: 75F-80F is ideal. Demold cast part after 30-45 minutes. Thin cross-section parts may require a longer curing time. Warm, silicone molds (such as 5092) produce the best skin surface.

Mix and pour in a well ventilated area. Gloves and respirator are recommended.

HANDLING (STORAGE)

Component A (polymeric MDI) - storage area should be maintained between 65°F to 85°F. Containers must be tightly closed as a protection from moisture and foreign material.

Component B (polymeric MDI) - storage area should be maintained between 65°F to 85°F. Containers must be tightly closed as a protection from moisture and foreign material.

IMPORTANT NOTICE

The information contained herein is based on data believed to be accurate at the time of publication. Data of this type should not be used for specification for fabrication and product design as it is the user's responsibility to determine this product's fitness for a particular use.