

Styrospray 1000

This revolutionary new coating is a two component, rigid, hard shell, 100% solid polyurethane polyurea coating with no VOC for applications to EPS foam. Eliminates the need for high pressure spray equipment and can be applied with conventional paint equipment (i.e. pressure pot or airless spray equipment).

A rigid, 100% solid polyurethane elastomeric compound.

Provides a hard shell coating over EPS(expanded polystyrene) foam. It is specifically designed to create a smooth finish on EPS foam, greatly enhancing strength and durability of finished parts. Eliminates high pressure plural equipment and can be sprayed with conventional paint equipment (i.e. pressure pot or airless spray equipment).

Processing

brushing and rolling

- put the material in the mixing tank at a ratio of 1:1 by volume mix
- apply the material by brush or roll
- do as many layers as you want
- interrupt your work at any time for hours or even days
- premixed material does not cure even after days

Spraying

- put the material in the spraying tank at a ratio of 1:1 by volume mix
- Spray the material
- do as many layers as you want
- interrupt your work at any time for hours or even days
- premixed material does not cure even after days
- no hazzle to clean the pressure pot and in the spray gun

Advantages

- Provides hard shell coating for added strength
- No VOC
- 100% solid
- Variety of colors available
- Applied with Pressure Pot or Airless Spray Equipment

Disadvantages

- Moisture sensitive
- Temperature sensitive. Must maintain proper temperature during application.

Applications

- EPS foam (Recommend the use of StyroPrime to prevent blisters from moisture in foam)

Strength (tensile)

- 2122 psi (ASTM D 412-97)



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Hardness

- 65 Shore D

UV

- None. Use water or solvent based paints

Application method(s)

- Brush, foam roller, pressure pot airless spray equipment
- VOC
- 0

Dry time

- Applied in 2 coats of 15 mil. 20 minute dry time between coats. Full cure in 7 days at 72F. Can be recoated with 24 hours with no sanding or primers.

Packaging

- 2 - 1 gallon cans
- 2 - 5 gallon cans

Standard colors

- Off white

