



TECHNICAL DATA SHEET

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7124 Single Ply Roofing Membrane Primers for Urethane Topcoats or Sealants

Description:

Ruscoec 7124 products are low VOC, solvent based, rubber and resin primers or adhesives for single ply roof membrane (TPO, EPDM, Hypalon, Elvaloy) or polypropylene plastic. These products have hydroxyl functionality for curing with urethane topcoats or pitch pocket sealants. Both products are low VOC (<250 g/L) and complaint in SCAQMD and OTC.

Physical Properties:

	7124-1	7124-2
Color:	Clear	Clear
Application Method:	Roll, Brush	Roll, Brush
Viscosity:	1000-3000 cps (#2 @ 10)	5000-7000 cps (#4 @20)
% Non-volatile (solids):	24-26%	20-22%
Density (calculated):	9.37 #/gal, 1.12 g/mL	9.84 #/gal, 1.18 g/mL
VOC (calculated):	230 g/L	230 g/L

Peel Strength as Primer for Urethane:

- 1" wide primed membrane sample bonded to Lauan plywood using 1 part moisture curing urethane
- Peel 2"/min at 180°

	7124-1 Primed	7124-2 Primed	No Primer
TPO	5.8 #	8.5 #	0.9 #
Unsupported EPDM	2.8 #	2.0 #	0.6 #

Adhesive Application:

Ruscoec 7124 products contain flammable solvents and require adequate ventilation during use. Follow proper handling for flammable materials and consult SDS for additional information.

Used as a primer:

Apply a 5-10 mil wet coating (160-320 ft²/gal) of primer on membrane. Allow primer to dry until solvent odor is no longer detectable. The coating should be fully dry in 20-60 minutes depending on coating thickness and environmental conditions. Apply topcoat or sealant to primed surface.

Used as an adhesive (7124-2 only):

Apply approximately 5 mil wet coating (320 ft²/gal) on each surface to be bonded. Allow primer to dry until solvent odor is no longer detectable. The coating should be fully dry in 20-60 minutes depending on coating thickness and environmental conditions. Bond membrane to substrate using a weighted roller.

Cleaning:

Rusco 7124 can be cleaned using mineral spirits, hexane, toluene, xylene, or PCBTF.

Storage:

Rusco 7124 can be stored in sealed containers for up to 12 months from the date of manufacture. Store below 90°F for best stability and safety.