

# COLPLY® EF ADHESIVE

High-Performance, Solvent-Free Modified Bitumen Adhesive



APPLICATIONS

ROOFING

WATERPROOFING

PRODUCT DATA SHEET PD10091 - REV 230302

## PRODUCT NUMBERS:

- A221 - 0.42 Gal (1.5 L) Cartridge, 6 / Box
- A216 - 5 Gal (18.9 L) Pail
- A220 - 50 Gal (189.3 L) Drum

## DESCRIPTION & FEATURES:

**COLPLY EF ADHESIVE** (environmentally friendly) is a moisture cure, single-component membrane adhesive using a highly advanced Silyl-Terminated Polyether (STPE) polymer. Due to its polymer composition, once cured, **COLPLY EF ADHESIVE** provides an additional layer of elastomeric waterproofing protection between membrane plies.

- STPE technology offers excellent cure speeds and performs well under a variety of weather conditions
- Ribbon application allows for the migration of vapor pressure beneath the membrane
- Meets the requirements of ASTM D3019 Type III
- Low odor, solvent-free formula is ideal for applications with sensitive populations such as schools and hospitals

## APPLICATION:



V-NOTCHED  
SQUEEGEE



RIBBON  
APPLICATION

**COLPLY EF ADHESIVE** is applied to approved substrates using a squeegee or an application cart for ribbon adhesive application. Thoroughly mix container before use. Apply **COLPLY EF ADHESIVE** at 1.5 to 2 gallons per 100 square feet for sand-surfaced inter-ply applications and 2 gallons per 100 square feet for ribbon application.

Refer to SOPREMA's published technical literature for additional details and application requirements.

## STORAGE:

Store the container in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Storage temperature range should be between 55°F (12.8°C) and 80°F (26.7°C). Approximate shelf life is 9 months from the date of manufacture when properly stored and sealed.

## LIMITATIONS

When the ambient temperature is below 50°F (10°C), material should be warmed to a temperature of 70°F (24°C) at the time of application. Conditioning may take up to 24 hours to ensure chemical has reached optimal application temperature.

## TESTING & APPROVALS:



NOA # 22-0706.01

## WARRANTY:

For more information refer to [www.SOPREMA.us](http://www.SOPREMA.us) or contact your SOPREMA representative.



# COLPLY® EF ADHESIVE

High-Performance, Solvent-Free Modified Bitumen Adhesive



APPLICATIONS

ROOFING

WATERPROOFING

PRODUCT DATA SHEET PD10091 - REV 230302

## TECHNICAL INFORMATION & TESTING:

APPROXIMATE COVERAGE RATES		
SUBSTRATE PROFILE	INTER-PLY ADHESIVE COVERAGE* gal/100 ft <sup>2</sup> (L/m <sup>2</sup> )	RIBBON APPLICATION COVERAGE 6" O.C. BEADS** gal/100 ft <sup>2</sup> (L/m <sup>2</sup> )
Absorptive surface	1.5 - 2.5 (2.0 - 2.5)	2.0 (7.6)

\* Coverage rate as reported assumes installation using side and end lap recommendations. Coverage rate may vary depending on the application technique and the substrate condition. (All values are nominal)

\*\* Ribbon application using a dual cartridge with a 3/4" bead will yield 20 ft<sup>2</sup> per cartridge

PHYSICAL PROPERTIES		
PROPERTY	VALUE	ASTM TEST METHOD
Technology	Silyl Terminated Polyether Technology (STPE)	-
ASTM Standard	D3019 Type III	-
Standard Color	Brown	-
Physical State	Mastic	-
Density, lb/gal (kg/L)	11.2 (1.3)	D1475
Flash Point, °F (°C)	180 (82.3)	D92
Viscosity, (cP)	25,000	D1084
Storage Temperature, °F (°C)	55 - 80 (13 - 27)	-
Application Temperature, °F (°C)	50 - 95 (10 - 35)	-
Curing Time, days	7	-
Solids Content, weight (%)	98	D6511
Volatile, (%)	2.3	D2369
Cleanup	Mineral spirits	-
Shelf life	9 Months	-
VOC, g/L	< 35	-

\* Data is represented by average values, unless noted otherwise.

## SUSTAINABILITY



VOC CONTENT  
LOW EMITTING  
  
< 35 g/L

