



TECHNICAL DATA SHEET – FEC® 2234

Revised: 2/2017

DESCRIPTION

FEC 2234 is a multi-functional, 100% solids, two-component, polysulfide enhanced epoxy coating and membrane sealant suited for use on concrete and steel in primary and secondary containment applications. Its flexibility and ease of application also make it ideal for use as a crack-sealing coating.

TYPICAL APPLICATION

PRIMER	PolySpec 100EX @ 5-7 mils (concrete) or American Safety MS11CZLT Primer @ 4-6 mils (steel)
BASE COAT	FEC 2234 @ 12-16 mils
TOPCOAT	FEC 2234 @ 12-16 mils
OPTIONS	Non-Skid Grit Engineering Fabric

PERFORMANCE DATA

COMPRESSIVE STRENGTH (ASTM C - 579)	30,000 psi
TENSILE STRENGTH (ASTM D - 638)	+600 psi
FLEXURAL STRENGTH (ASTM C - 580)	4,300 psi
HARDNESS, SHORE D (ASTM D - 2240)	35-45
BOND STRENGTH (ASTM D - 4541)	425 psi
ABRASION RESISTANCE (ASTM D - 4060)	70 mg
OPERATING TEMPERATURE , MAXIMUM, DRY:	150°F
WET:	Dependent on chemical exposure
ELONGATION, % AT BREAK (ASTM D - 639)	45-55
C - TEAR, LBS/IN (ASTM D - 1004)	200+
IMPACT STRENGTH , IN/LBS (ASTM D - 4226)	60+
VOC	0.00 lb/gal; 0.0 gm/L
VOLUME SOLIDS	100%

BENEFITS

- Maintains flexible nature over long term
- Excellent resistance to chipping
- Excellent penetration and bond strength
- Resistant to dilute acids, caustics and petroleum solvents
- Low odor, 100% solids epoxy
- Increased thermal shock resistance
- High abrasion resistance
- Versatile uses — concrete repair to finish coating

RECOMMENDED USES

- Primary containment tanks
- Secondary containment dikes
- Loading dock areas
- Manufacturing floors
- Warehouse floors
- Drum storage areas
- Vehicle service bays
- Mechanical equipment rooms
- Water park & recreational floors
- Covered parking decks
- Crack-bridging membrane sealant

GENERIC DESCRIPTION: Polysulfide-Modified Epoxy

STANDARD COLORS: Light Gray

PACKAGING: 2-Gallon Unit

MIX RATIO: 1R : 1H

COVERAGE:
100 ft² / gallon @ 16 mils

FEC® 2234
CONCRETE & STEEL COATING/MEMBRANE,
FLEXIBLE EPOXY

