

Chem-Set™ MS-35 WHITE

Technical Data Sheet

Chem-Set™ MS-35 WHITE HIGH PERFORMANCE is a one component, high modulus, mildew resistant multipurpose silyl-terminated polyether (hybrid) elastomeric sealant and adhesive. When fully cured, this unique VOC compliant formula offers UV stability and firm bonding to PVC, concrete, glass, aluminum, painted surfaces, wood, plywood, marble, metal, plus many other common substrates. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.

FEATURES & BENEFITS	CONSTRUCTION & INDUSTRIAL APPLICATIONS	
Excellent Adhesion Adhesion to Kynar® Non-Corrosive Paintable Flexible & Durable Will Not Shrink or Crack VOC Compliant Contains No Solvents or Isocyanates Color Stability and UV Resistant (ASTM G26) Non-Yellowing/Staining Resistant to Most Chemicals	Sealing Openings & Exterior Surfaces HVAC/R Plumbing Roofing Kitchen & Bath Countertops Sanitary Seals	Precast Concrete Industrial Gaskets Transportation Seals Marine Cabins Appliance Trim & Parts Interior/Exterior Above Grade

MEETS SPECIFICATIONS: ASTM C920 Type S, Grade NS, Class 25, Use NT, A, M, G; TT-S-00230C, USDA Approved, AAMA 808.3, 805.2, 803.3 (Type I), 802.3 (Type II).

AVAILABLE COLORS: Clear, Ultra Clear, White, Black, Gray, Bronze, Tan, Sand Beige (custom colors available upon request)

PHYSICAL PROPERTIES		TEST METHOD
Cure System	Hybrid, Moisture Cure	
Movement Capability, %	±25%	ASTM C-719
Modulus	High	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.66	
Extrusion Rate, g/min. 1/8" orifice @ 50 psi	320	ASTM C-1183 Modified
Temperature Range	-75°F to 220°F	
Intermittent Temperature Range	250°F	
Accelerated Weathering (2,000 hrs.)	UV-A, No Change	QUV Weatherometer
Skin Over Time (min)	20*	MNA Method
Tack Over Time (min)	40*	ASTM C-679
Cure Rate	1/8" per 24hrs*	MNA Method
Tensile Strength (psi)	225	ASTM D-412
Elongation %	450-500	ASTM D-412
Durometer Shore A	46	ASTM C-661
Shelf Life (months)	12	
Volatile Organic Content	18 gr./liter	

*All properties derived from lab conditions (77° F at 50% relative humidity)

Test results are averages obtained under laboratory conditions.
Reasonable variations can be expected.