

PRODUCT DESCRIPTION

XCoat GC-5010 is a durable, zero-VOC, styrene-free, 100% solids aliphatic gel coat. This serves as the show surface of the composite which can be designed per customer specifications (custom colors, gloss level, etc.).

X COATINGS COMPOSITE SYSTEM

X Coatings offers a structural composite comprised of multiple laminates. The engineered sandwich construction provides a structurally solid composite which offers high strength, toughness, and a durable custom show surface. Each laminate in our composite structure, is a zero-VOC, styrene-free, 2-component liquid reactive solution, applied via high pressure metering equipment, formulated at a convenient a 1:1 ratio by volume. Our system can be manually or robotically sprayed onto the mold. The X Coatings composite system eliminates the need for external heat sources such as heated ovens or tunnels to initiate cure and significantly decreases cycle times resulting in an increase in productivity.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

TECHNICAL DATA

Tensile Strength (psi)	5,500 ± 1,000
Elongation (%)	5 ± 2
Tear Resistance (pli)	400 ± 50
Hardness (Shore D)	76 ± 2
Mixing Ratio (A-B) by volume	1:1
Gel time @150-160°F (66-71°C)(seconds)	10 ± 3
Viscosity:	
A-Side (@75°F-80°F) (24-27°C)	1,200 ± 500
B-Side (@75°F-80°F) (24-27°C)	3,000 ± 500

PACKAGING & STORAGE

XCoat GC-5010 is supplied in pails, drums or totes. Once a container has been opened, care should be taken to exclude moisture. The most favorable temperature for storage is 25-35°C (77-95°F). If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur.

SAFETY & PRECAUTIONS

This product contains Isocyanates.

Limited Warranty: Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These Products are for "Professional Use Only" and preferably applied by professionals who have prior experience with the Polycoat Products materials or have undergone training in application of Polycoat Products materials. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data, instructions, and project specific recommendations.

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