

## PRODUCT DESCRIPTION

XCoat SF-3027 structural foam, is a high-density, zero-VOC, styrene free, rigid polymer foam which provides the structural core to the composite system.

## 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.

## SAFETY & PRECAUTIONS

This product contains Isocyanates.

## TECHNICAL DATA

|                                        |                     |
|----------------------------------------|---------------------|
| Flex Modulus (psi)                     | 60,000 $\pm$ 10,000 |
| Free-rise density (pcf)                | 27 $\pm$ 5          |
| Mixing Ratio (A-B) by volume           | 1:1                 |
| Gel time @150-160°F (66-71°C)(seconds) | 5 $\pm$ 2           |
| Rise time (seconds)                    | 8 $\pm$ 2           |
| Tack-free time (seconds)               | 25 $\pm$ 5          |
| Viscosity:                             |                     |
| A-Side (@75°F-80°F) (24-27°C)          | 700 $\pm$ 300       |
| B-Side (@75°F-80°F) (24-27°C)          | 2,000 $\pm$ 500     |

## PACKAGING & STORAGE

XCoat SF-3027 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.

**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.

Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Polycoat Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Polycoat Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Polycoat Products shall not be responsible for use of this product in a manner to infringe on any patent held by others. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Polycoat Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

**Disclaimer:** All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Polycoat Products makes no claim that these tests or any other tests, accurately represent all environments. © 2024 Polycoat Products. All rights reserved.  
Revision 20250820.JC