

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

Foamseal® F2100 is a 2 part, 1:1 ratio polyurethane rigid foam system which provides a method of effectively bonding structural members to substrates and can completely eliminate mechanical fasteners. F2100 has also been designed to act as an additional insulation, sealant, and thermal break.

ADVANTAGE:

- High quality foam with excellent cell structure
- Contains no CFC or HCFC blowing agents
- Test to ASTM C557, ASTM E72, ASTM D6464, UL723, UL1715
- Building Code Compliance: 2006 IBC, 2006 IRC, 2009 IBC, 2009 IRC, 2012 IBC, 2012 IRC, 2015 IBC, 2015 IRC, 2018 IBC, 2018 IRC

TYPICAL PROPERTIES:

Property	Typical Value
Base:	Polyurethane
Shelf Life:	1 Year from Date of Manufacture*
Flammability	ASTM E84, tested as applied in two 2 ½ inch wide by 1 ½ inch thick beads. Refer to UL test report 93NK1218. Flame Spread....60 Smoke.....200
Formaldehyde	No urea formaldehyde added during adhesive manufacturing

* Keep containers tightly closed when not in use.

DIRECTION FOR USE:

- F2100 is approved for use and manufacture by PEI Evaluation Service, an accredited ISO 17065 Product Certifier as shown on PER-05004
- F2100 must be applied according to the detailed instructions in the "Guidelines for Use, Application and Safe Handling" Manual

REGULATORY COMPLIANCE:

SCAQMD Rule 1168
(South Coast Air Quality Management District)
California Air District Regulations
Ozone Transport Commission (OTC) Rule for Adhesives and Sealants

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY
USE ONLY WITH APPROVED EQUIPMENT**

SUSTAINABILITY GUIDE:

- GREENGUARD® GOLD Children & Schools Certified
- GREENGUARD® Indoor Air Quality Certified
- Contributes to LEED® and other green building rating system credits:
 - LEED-NC and LEED-CI EQ Credits 3.2 and 4.1, and ID Credit 1.1-1.4
 - LEED-EB MR Credit 2.2 *Environmentally Preferable Materials*
 - LEED for Schools EQ Credit 3.2 and 4, and ID Credit 1.1-1.4
 - LEED Core & Shell EQ Credit 4.1 and ID Credit 1.1-1.4
 - Green Guide for Health Care EQ Credit 4.1
 - NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3
 - CHPS (Collaborative for High Performance Schools) EQ Credit 2.2

NOTICE TO PURCHASER:

NO WARRANTIES, EXPRESS OR IMPLIED, ARE MADE INCLUDING MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. EXCEPT FOR PERSONAL INJURY RESULTING FROM USE OF THE PRODUCT AS DIRECTED, ITW POLYMERS SEALANTS NORTH AMERICA, INC. SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY LOSS OR DAMAGE. UNDER NO CIRCUMSTANCES SHALL ITW POLYMERS SEALANTS NORTH AMERICA, INC., A DIVISION OF ILLINOIS TOOL WORKS INC., OR ITS AFFILIATES ("ITW POLYMERS SEALANTS NORTH AMERICA, INC.") BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE USER MAY SEND A SAMPLE OF PRODUCT TO ITW POLYMERS SEALANTS NORTH AMERICA, INC. FOR TESTING. IF SUCH TESTING PROVES A PRODUCT DEFECTIVE, THE USER'S SOLE AND EXCLUSIVE REMEDY IS EITHER REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE CONTAINER OF PRODUCT. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ITW POLYMERS SEALANTS NORTH AMERICA, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATIONS OF THIS.

WARRANTY:

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE; THEREFORE, SOME OF THE LIMITATIONS STATED ABOVE MAY NOT APPLY TO YOU. IT IS TO YOUR BENEFIT TO SAVE YOUR DOCUMENTATION UPON PURCHASE OF A PRODUCT. THE INFORMATION AND SUGGESTIONS FOR USE CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE, BUT ARE NOT TO BE CONSTRUED AS WARRANTIES. USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR HIS OR HER INTENDED USE AND SHALL ASSUME ALL RISK ASSOCIATED THEREWITH.

Complete technical information is available from
ITW Polymers Sealants North America, Inc.