

FLEX-C

| MC07-FC | Adhesive Sealant Caulking



Overview

Multicoat's FLEX-C STICKY SEAL is a high performance joint sealant for a wide range of construction applications. FLEX-C delivers tough, elastic sealing performance, for joints requiring compression and extension greater than 35%.

Common Applications

- Roofing
- Parapets
- Window and door frames
- Block and Masonry
- Expansion Joints
- Siding
- Weather Sealing
- Cove Joints.

Features & Benefits

- Solvent and isocyanate free, 100% solids
- Non-silicone
- Non-flammable
- Fast-curing
- Primerless bonding to most surfaces
- Paint compatible
- Low odor
- Extremely low shrinkage
- Non-staining
- Mildew resistant

Standards & Compliance

- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- ASTM C920, Type S, Grade NS, Class 35 Uses NT, T, G, A & O
- Federal Specification TT-S-00230-C Type II Class B
- Corps of Engineers CRD-C-541, Type II, Class B
- Conforms to OTC Rule for Sealants and Caulks
- Meets requirements of California Regs: CARB, BAAQMD and SCAQMD
- Conforms to USDA Requirements for Non-food Contact

Packaging

- | | | |
|--------------------------------|---------------|-------------------|
| • 10.1 oz. (300 ml) cartridges | 24 tubes/case | 45 cases/pallet |
| • 20 oz. (600 ml) sausages | 12 tubes/case | 60 cases/pallet |
| • 5 gallon (18.93l) buckets | N/A | 36 buckets/pallet |

Colors



Limestone

Testing

Please contact your Multicoat Sales Representative before writing specifications around this product. Product properties are as follows:

Property	Value	Units	Test Method
VOC'S	34.5	g/L	EPA Test Method 24
Skinover Time @ 50% R.H. 70°F	30	Min.	ASTM C679
Density	12.7	#/Gal	-
Hardness	50	Shore A	-
Shear Strength	187.7	PSI	ASTM D1002
Peel Strength			
ABS	12.7		
Plastic	25.1		
Aluminum	25.7		
Mortar	26.7	lbf/in	ASTM D903
Glass	24.0		
Pine	25.8		
PVC	23.9		
Cold Rolled Steel			
Tensile	268	PSI	ASTM D412
Elongation Break	259	%	ASTM D412
Chemistry	Hybrid Polymer	-	-
Movement	+/- 35%	-	ASTM C920
Shrinkage	0%	-	-
Service Temperature	-40° F - 200° F	-	-
Viscosity	2,730,000 1,555,000 460,000	cps - 1 rpm cps - 2 rpm cps - 10 rpm	ASTM D2196-10

FLEX-C

ADHESIVE SEALANT CAULKING

High Performance Durability

- FLEX-C can be installed on damp surfaces which is defined as when no moisture is transferred to the skin when the substrate is touched
- The cured bead exhibits excellent long-term adhesion to the porous surfaces
- Does not dry or become brittle
- Low odor, ideal for indoor and outdoor use

FLEX-C typical values represent data from multiple batches. Values will be refreshed, as necessary, upon data collection from additional campaigns and long-term variability discernment.

Application

Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces. Maintain FLEX-C at room temperature before applying to ensure easy gunning and tooling. Test and evaluate to ensure adequate adhesion. Carefully gun the sealant with a smooth, continuous bead. If tooling is needed, do so within fifteen minutes of application.

Concrete

Prior to application remove any residual contamination by mechanical abrasion, sand blasting or power washing. On green concrete, remove all release agents and loose concrete. Dry all visible and/or standing water. Install an appropriate backer rod to avoid three-point bonding.

Metal

Prepare all metal to ensure maximum adhesion. Remove all rust, scale and residue using a wire brush. Remove films, loose or inappropriate coatings and oils with an appropriate solvent such as alcohol.

*Multicoat recommends that coated substrates be tested for proper adhesion prior to starting a project to determine suitability for use.

Wood

Wood should be clean, sound and dry prior to sealant application. Allow treated wood to weather for six months prior to application. Remove all coatings and paint to ensure proper adhesion. FLEX-C is not recommended for use on fire retardant lumber.

Priming

In most applications FLEX-C will not require a primer. However, certain substrates may require a primer to ensure a long lasting bond and weatherproof seal. It is the applicator's responsibility to determine whether or not a primer is needed in their specific application



Material Handling

Clean Up

Clean tools and any uncured adhesive with mild solvent such as mineral spirits.

Material Storage/Disposal

Store securely between 60° F - 80° F in unopened container. Recommended shelf life is 12 months from date of manufacture on bottom of tube. Keep tube tightly sealed. Dispose of contents/container in accordance with Local/Regional/ National/International Regulations. Refer to Safety Data Sheet (SDS) for further information.

Shelf Life and Storage

The shelf life is 12 months for an unopened container from the date of manufacture. Reference the date of manufacture. YYMMDD ex. 190522 is May 22, 2019.

Limitations

FLEX-C should not be used in applications in which it will be permanently exposed to liquid water.

Precautionary Statements

Do not use until all instructions and safety precautions have been read and understood. Wear protective gloves, protective clothing and eye protection. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. IF ON SKIN: Wash exposed body areas with soap and water.

IF IN EYES: Rinse with water, remove contact lenses and continue rinsing. If exposed or concerned get medical advice/attention. Refer to Safety Data Sheet (SDS) for further information.

Damage Limitation

Seller shall not be liable for any damages, injury, loss, direct or consequential, resulting from its products. The parties intend that the limitation of damages, including consequential damages, applies even if the exclusive remedy provided for herein fails of its essential purpose.

Exclusive Remedy

Seller's sole obligation, and buyer's exclusive remedy shall be to replace material if found to be defective.

Warranty Disclaimer

There are no warranties which extend beyond the description of the fact hereof. Seller expressly disclaims all other warranties regarding the use of its products, whether expressed or implied, including the implied warranties of merchantability and for fitness of a particular purpose. Since use of the product is beyond the Seller's control, the Buyer assumes all risk of use.

Warranty

Materials are guaranteed with respect to uniformity and quality within manufacturer's specifications.

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