

Fusion 10 Adhesive/Sealant

PRODUCT DESCRIPTION:

“Fusion 10” Sealant is a siliconized acrylic latex sealant that has been fortified with Spectrum’s exclusive Polymer Technology to achieve “silicone” type performance. This innovative formula was designed with three major issues in mind. **1)** Resist the effects of prolonged UV exposure, which in turn provides maximum elongation, adhesion and durability needed for a long term installation. **2)** Produce a water washable sealant that can be easily finished for a “sellable” looking installation. **3)** “Fusion 10” is available in a myriad of colors to match most major grout manufacturers color available on the market today and in the future. With two textures – sanded and smooth – “Fusion 10” sealant blends in uncommonly well with any application.

RECOMMENDED USES:

- Seals sinks, tubs, showers, counter tops and other areas where water can infiltrate.
- Recommended for sealing the gaps or cracks on exterior windows/glass block, door frames, base boards and any other areas air can infiltrate.
- Ideal for use where tile meets tile or dissimilar surfaces such as where countertops meet backsplashes or floors meet the walls.
- With hundreds of colors and its unique “sanded or smooth” formulas, Fusion 10 is ideal for vinyl and aluminum siding, brick, stucco, metal and most common building materials.
- Adheres to all types of wood, drywall, plaster and plastic moldings.
- An excellent product for restoring cracked or worn grout joints.

LIMITATIONS:

- Not recommended for constant water exposure or use around or in pools and spas.
- Exterior use when rain or freezing conditions are expected within 48 hours.
- May stain porous surfaces such as walls. Masking or shielding of these areas might be necessary. Test in an inconspicuous area if staining is a concern.
- When filling a joint < 3/8” a second coat may be required.
- Exact match to Portland cement grouts or stuccos may vary due to differences in manufacturing and the nature of Portland cement.

APPLICABLE STANDARDS:

- Conforms to the requirements for elastic joint sealants, ASTM C920. Test in accordance with standard specifications, ASTM C-834.
- When used in a Tile installation, follow EJ171 in the TCA Handbook for treatment of construction, expansion, control and isolation joints.

INSTALLATION:

SURFACE PREPERATION:

- Surfaces must be structurally sound, stable, clean and free from dust, oil, grease, paint, and any other foreign contaminants.
- By mechanical means, remove all traces of paint, loose particles, and residue and cement particles.
- Vacuum out joints and wipe them clean with a damp rag.

APPLICATION:

- Rubber gloves and proper eye wear are recommended.
- Do not open cartridges until preparatory work has been completed.
- Insert cartridge into caulking gun, cut plastic nozzle according to the size of the joint or area of application.
- Apply Fusion 10 in a smooth continuous bead and force into joint or area of application.
- For a smooth and uniform appearance, wash with a “Hydra” sponge and clean water or tool with a wet finger or putty knife.
- Wipe away any excess sealant with a damp sponge immediately before it cures.
- Initial cure is reached in 48 to 72 hours depending on temperature and humidity
- Wait a minimum of 7 days before exposing to intermittent water.

CLEAN UP:

- Clean hands and tools with soap and water
- Clean up any misapplied sealant with a damp cloth or sponge.
- Cured sealant may be carefully cut away with a sharp-edged tool.
- Dispose of empty cartridges and saturated sponges according to state and local regulations.
- Any unused portion of Fusion 10 should be capped and stored in a cool dry place.

TECHNICAL DATA:

Base	Fortified Acrylic Polymer
Odor	Very mild
Colors	Almost unlimited color range.
Tensile	180 psi
Elongation	150%
Application Temperature	40° F to 100° F (4° C to 30° C)
Open time	10 to 20 minutes*
Tack free time	30 to 60 minutes*
Set Time	48 hours*
Full cure	14 days*
Mildew resistant	Good
UV test @ 1500 hrs.	No change in color or appearance
Elevated temp @ 60°C	No change in color or appearance
Humidity @ 98°/70°C	No change in color or appearance
Paintable	Yes
Shelf life	1 year when stored in original unopened container.

(* Depends upon temperature, humidity, porosity of substrate & thickness of sealant applied.)

APPROXIMATE COVERAGE:

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| • 1/16 X 1/16 (joint) | 48 linear feet (per 10.3 oz cartridge) |
| • 1/8 X 1/8 (joint) | 25 linear feet (per 10.3 oz cartridge) |
| • 3/16 X 3/16 (joint) | 17 linear feet (per 10.3 oz cartridge) |
| • 1/4 X 1/4 (joint) | 13 linear feet (per 10.3 oz cartridge) |

NOTE: Coverage's shown are given for estimating purposes only. Actual job-site coverage's may vary depending on the joint size and application procedures.

PACKAGING:

- 10.3 oz. cartridge (6 per case)

CAUTION:

- KEEP OUT OF REACH OF CHILDREN
- KEEP FROM FREEZING
- IF INGESTED: Seek medical attention.
- EYE & SKIN CONTACT: Flush thoroughly with water. If irritation occurs, seek medical attention.

Note: Consult the Material Safety Data Sheet (MSDS) for medical and safe handling instructions.

WARRANTY

The recommendations, suggestions, statements and technical data are based on the best knowledge available and are given for informational purposes only and without any responsibility. This warranty is limited to the original owner and may not be enlarged by our sales representatives, written sale information or drawings. Spectrum Manufacturing Corp. and Sellers liability for damages hereunder shall not exceed the purchase price of the goods used. Spectrum Manufacturing Corp. and Sellers warrants only that the goods will be free from defects in material.



Phoenix, AZ