

PRODUCT DATA SHEET 07920

TRITON® WATERTIGHT ADHESIVE

DESCRIPTION

TRITON® Watertight Adhesive is a one-component, low-modulus, moisture curing, advanced polymer adhesive and sealant. Its one component design cures rapidly when exposed to atmospheric moisture to form a durable bond, and it can be applied across a wide range of temperature and weather conditions (-40°F to 140°F). It is engineered to deliver aggressive adhesion to the most common construction substrates while remaining compatible with most building materials. Within the TRITON® Watertight System it seals fastener penetrations, board seams and drain flanges on TRITON® Waterproof Backer Board.



PRODUCT DATA

PACKAGING

Available in the following size:

SIZE (VOLUME)	CARTON (QUANTITY)
10.1 fl. oz. Cartridge	24

STANDARDS

Triton Watertight Adhesive meets or exceeds the requirements of ASTM C920 Type S, Grade NS, Class 25, Use NT, G, A, M. Federal Specification TT-S-00230C Type II, Class A. AAMA 802.3-16 Type II, 803.3-16 Type I, 808.3-16.

STORAGE

Deliver and store products in the manufacturer's original, unopened packaging until ready for installation. Material must be stored in a controlled, dry environment below 75°F (24°C), protected from weather and direct sunlight. Rotate inventory accordingly: use cartridges within 10 months from date of manufacture.

ENVIRONMENTAL CONDITIONS

TRITON® Watertight Adhesive may be applied in temperatures from -40°F to 140°F (-40°C to 60°C). Service temperature range after cure is -40°F to 200°F (-40°C to 93°C). Do not apply to frozen or contaminated surfaces.

FEATURES

- Use for interior and exterior applications
- Use on vertical and horizontal surfaces
- Applies from -40°F to 140°F
- Aggressive adhesion to common construction substrates
- Paintable in 2 hours
- No solvents; low VOCs
- Eco-friendly and VOC compliant
- Part of the Triton® Watertight System

APPLICATIONS

- Sealing fastener penetrations on TRITON® Waterproof Backer Board
- Board seams and joints
- Around drains and drain flanges
- Pipe and mixing-valve penetrations
- Pan-to-wall transitions
- Curb and bench assembly
- Niche perimeters
- Bonding to concrete substrate

ALSO SUITABLE FOR

Roofing & siding · Windows & doors · Concrete & masonry · Metal buildings · EIFS · HVAC · Marble & granite

INSTALLATION

1. Prepare the Substrate

- Substrate must be clean, frost free and free of any oils, greases or incompatible sealers that may interfere with adhesion
- Do not apply if the surface is contaminated
- Primers are not required for most substrates; test all substrates prior to application

2. Apply the Adhesive

- Read and understand this data sheet completely before beginning installation
- Always do a test area to confirm product satisfaction and to become familiar with proper application technique
- Cut the nozzle to the desired bead size
- Apply with a caulking gun, forcing the adhesive onto the substrate

3. Tool and Cure

- Tool the bead if necessary
- Skins in under 20 minutes and is tack free in under 60 minutes at 70°F / 50% RH
- A 1/4" bead cures in 48 hours

TECHNICAL DATA

PROPERTY	TEST METHOD	TRITON WATERTIGHT ADHESIVE
Skin Time	Internal Method	< 20 minutes @ 70°F / 50% RH
Tack Free Time	Internal Method	< 60 minutes @ 70°F / 50% RH
Cure Rate	Internal Method	1/4" bead in 48 hours
VOC	EPA Method 24	< 16 g/L, less water and exempt solvents
100% Modulus of Elasticity	ASTM D412	100 – 200 psi
Shore A Hardness	ASTM C661	40 ± 5
Movement Capacity	ASTM C719	± 25%
Tensile Strength	ASTM D412	130 – 230 psi
Staining	ASTM D2203	None
Sag / Slump	ASTM D2202	Minimal; < 0.2"
UV Rating	ASTM G154	No discoloration or change in appearance after 2,500 hours
Service Temperature	Internal Method	-40 – 200°F
Viscosity	RV T-E @ 4 rpm	Approx. 900,000 cP
Density	Internal Method	Approx. 13.9 lbs./gal
Flash Point	Closed Cup	Solvent free / not applicable

COVERAGE

Approximate* linear feet per 10.1 fl. oz. cartridge. Joint width across, joint depth down.

DEPTH	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
1/8"	99	49	33	24	20	16	14	12
1/4"	—	24	20	12	10	8	7	6
3/8"	—	—	11	8	6	5	5	4
1/2"	—	—	—	6	5	4	3	3

*All values are approximations based upon industry information and can vary due to joint dimensions and configurations, porosity, texture of substrates, irregularities, installation technique and waste. Do a test area to determine the material required.

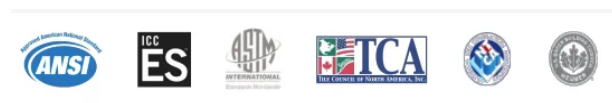
ENVIRONMENTAL

Solvent free and formulated at < 16 g/L VOC per EPA Method 24. Eco-friendly and VOC compliant.

WARRANTY AND MATERIALS

Products and systems provided by TRITON® MgO Products are warranted to be free from defects in material and workmanship. Visit triton-mgo.com for complete warranty details.

INDUSTRY ORGANIZATIONS



COMPANY INFORMATION

info@triton-mgo.com | triton-mgo.com
 1-888-348-4366
 560 East Richey Road
 Houston, Texas 77073