

Set&Step

ADVANCED HYBRID ADHESIVE

APPLICATION

Set&Step™ is a one component, fast grab adhesive designed to secure Tempo floor safety products. The multipurpose elastomeric sealant has high green strength for quick adhesion. When fully cured, this unique VOC compliant formula offers UV stability and a steadfast bond to concrete, wood, metal, painted surfaces, and many other common substrates.

FEATURES & BENEFITS

- Alternative to mechanical fastening
- Black material color to match Tempo products
- High green strength/elastic with fast cure
- Flexible & durable, will not shrink or crack
- Can be sanded & painted
- Adhesion to Kynar®
- Odorless & non-corrosive
- VOC compliant
- Contains no solvents or Isocyanates
- Color stability and UV resistant (ASTM G26)
- Non-yellowing/staining
- Resistant to most chemicals

PRODUCT USAGE

- LPS Step Nose (24' per sausage pack)
- LPS Raceway (50' per sausage pack)
- Guardian Step Nose (16' per sausage pack)
- Guardian Aisle CC (60' per sausage pack)
- Guardian Aisle CF (50' per sausage pack)

MEETS SPECIFICATIONS

ASTM C920 Type S, Grade NS, Class 25, Use NT, A, M

P/N: ADH-BOND-S



PHYSICAL PROPERTIES		TEST METHOD
Cure System	Hybrid, Moisture Cure	
Movement Capability, %	± 25%	ASTM C-719
Modulus	Medium	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.55	
Extrusion Rate, g/min.	100	ASTM C-1183
1/8" orifice @ 50 psi		Modified
Temperature Range	-75° F to 225° F	
Intermittent Temperature Range	250° F	
Accelerated Weathering (10,000 hrs.)	No Change	AUV Weatherometer
Skin Over Time (min)*	20	MNA Method
Tack Over Time (min)*	35	ASTM C-679
Cure Rate*	1/8" per 24hrs.	MNA Method
Tensile Strength (psi)	287	ASTM D-412
Elongation %	250	ASTM D-412
Durometer Shore A	55	ASTM C-661
Shelf Life (months)	18	
Volatile Organic Content	> 26 gr./litre	

* All properties derived from lab conditions (77°F at 50% relative humidity). Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

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IMPORTANT NOTES:

- 1.** This adhesive is Moisture Curing. When applied to sealed or painted surfaces you must apply water from a spray bottle before securing the Step & Aisle lighting product to ensure proper adhesion.
- 2.** Only use Caulk Guns designed to use 20oz sausage packs.
- 3.** DO NOT exceed 45 psig. when used in air powered caulking guns.

USING SAUSAGE PACKS

- Remove dirt, grease & moisture from surface and allow to dry thoroughly.
- Make a 1" slit close to the crimp on one end of sausage pack.
- Load the pack into the applicator barrel (slit side out) and place the rounded end of sausage nozzle onto the slit end of pack and fix with retaining ring. Then cut nozzle to desired size and shape.
- Push sealant ahead for uniform bead. Section thickness should be limited to 1/4" (6mm) or less.
- Spread sealant immediately before skin forms.
- Skin time is 20 minutes. Bonding must occur within the first half of skin time.
- Tack time is 35 minutes. Curing time is 24 hours.

Note: Length time of full cure depends on thickness of application, temperature and humidity.



Manual 20oz sausage gun
Recommended minimum thrust: 18:1



Electric or Cordless 20oz sausage gun