



# Product Data Sheet

## ASMACO CRYSTAL CLEAR CLASSIC FIX

### Super Clear Transparent MS Adhesive Sealant

#### DESCRIPTION:

ASMACO CRYSTAL CLEAR CLASSIC FIX is a high-quality, medium modulus, class25, one-component MS hybrid sealant and adhesive made with advanced MS Polymer Technology. This transparent, multipurpose adhesive offers strong initial grab and is ideal for bonding and sealing a wide range of construction materials. It performs reliably in hot and tropical climates, making it suitable for various indoor and outdoor



#### KEY PERFORMANCE PROPERTIES

- Crystal Clear Transparency:
- Strong Initial Grab:
- High Bond Strength:
- Elastic and Flexible:
- Weather and UV Resistance:
- Non-Yellowing:
- Solvent-Free and Low VOC:

#### AREAS OF APPLICATION

- Glass and Window Sealing
- Metal and Plastic Bonding
- Ceramic and Tile Installation
- Woodwork and Joinery
- Interior and Exterior Construction
- Kitchen and Bathroom Sealing:
- Signage and Display Assembly:
- Decorative Applications:

#### METHOD OF APPLICATION

##### Clean the Surface:

- Ensure that all surfaces are clean, dry, and free from dust, grease, oil, or any loose materials. Use a suitable cleaner or solvent to prepare the surfaces properly.

##### Drying:

- Allow the cleaned surfaces to dry completely before application.

#### Application Tools:

##### Caulking Gun:

- Use a standard caulking gun for easier application.

##### Nozzle Preparation:

- Cut the nozzle of the cartridge to the desired bead size and angle for controlled application.

#### Applying the Sealant:

##### Apply Evenly:

- Squeeze the sealant out in a continuous, uniform bead along the joint or surface area to be bonded. For larger areas, use a pattern that ensures full contact.

##### Pressure:

- Press the surfaces together firmly to allow the adhesive to establish a strong initial bond.

#### Tooling and Finishing:

##### Smooth the Sealant:

- Within 5-10 minutes of application, smooth the sealant with a tooling tool or a wet finger to achieve a neat finish and ensure proper adhesion to the surfaces.

#### Curing:

##### Skinning Time:

- The sealant typically forms a skin within 10-15 minutes, depending on environmental conditions.

##### Full Cure:

- Allow for a full cure time of approximately 24 hours under normal conditions. Note that curing times can vary based on temperature and humidity.

#### Post-Application:

##### Painting:

- Once fully cured, the sealant can be painted if necessary to match surrounding surfaces.

##### Cleanup:

- Clean any excess sealant or spills immediately with an appropriate solvent before it cures. After curing, excess material may require mechanical removal.
- Following these steps will help ensure that ASMACO CRYSTAL CLEAR CLASSIC FIX is applied effectively for optimal performance in bonding and sealing applications.

#### PACKAGING

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280 ml / Cartridge , 12 pcs / box

Rev 01\_ ASMACO CRYSTAL CLEAR CLASSIC FIX , GCC \_1124



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## COVERAGE RATE

The approximate linear meter sealant consumption per cartridge

Beed ø 15 mm	280 ml / 4.67 Running Meter
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## HEALTH & SAFETY

ASMACO CRYSTAL CLEAR CLASSIC FIX: The product is inflammable. All works should be carried out in well-ventilated area away from ignition sources. Do not smoke. The adhesive should be stored in accordance with the rules of storage of inflammable substances. Detailed information is included in the Material Safety Data Sheet (MSDS).

## STORAGE & SHELF LIFE

12 months from the manufacturing date if kept in the original packaging and stored in areas at a temperature of between +5°C and +30°C. in a dry place protected from freezing and excessive heat.

## CLEAN UP

Uncured ASMACO CRYSTAL CLEAR CLASSIC FIX may be removed from tools and equipment with Spillage's can be cleaned with acetone or Tangit Cleaner.

## TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	Clear / Translucent	—
Consistency	Thixotropic (Non Sag)	ASTMC 920 -18/ASTM C 639 -15
Curing Mechanism	MS Hybrid	—
Application Temperature	+5°C — +40°C	—
Density, g/m <sup>3</sup>	1.05 ±0.02	ASTM D 1475
Skin Over Time	20 min (RT)	ASTM C 920 -18 / ASTM C 679 - 15
Curing rate	> 2 mm/day (23°C and 50% R.H)	—
Hardness Shore A	30 - 35	ASTM D 2240
Adhesion & Cohesion	No, Cracks, Loss of Adhesion	ASTMC 920 -18/ASTM C 719 -14
Elongation at Break	≥ 400 %	ASTM D 412
Tensile Strength	>2.0 N/mm <sup>2</sup>	ASTM D 412

Properties listed are based on laboratory-controlled tests. All values given are subject to 5-10% tolerance.

## Shipping Limitations: None

### Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

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MFG. OF SILICONE , ACRYLIC & POLYURETHANE SEALANTS, WATER PROOFING COATINGS,  
SELF - ADHESIVE TAPES, SPRAY PAINTS, CONTACT ADHESIVE, PVC CEMENTS, EPOXY STEEL

Rev 01\_ ASMACO CRYSTAL CLEAR CLASSIC FIX , GCC \_1124

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