



Adhesives & Sealants

ALL FIX CRYSTAL

Technical Data Sheet

Reviewed: 23.10.2025

DESCRIPTION

ALL FIX CRYSTAL is a high-tech, crystal clear MS Polymer adhesive & sealant, designed for invisible bonding and sealing in a variety of applications of similar and dissimilar materials in construction, industry, shipbuilding & automotive industry. It offers excellent adhesion to a wide range of materials without the need for a primer. It is extremely elastic and chemically neutral while containing no solvents, silicone and isocyanates making it friendly to the DIY user. It can replace acrylic, silicone and PU sealants, offering all their advantages without disadvantages, in one product.

Ideal where elastic sealing or strong bonding is required in interior and exterior applications.

ADVANTAGES

- Fast curing
- Permanently elastic
- Resistant to mold
- Special non sagging formula
- Bubble free bond
- Does not shrink
- Odorless – user friendly
- Can be painted
- Application without primer even on damp surfaces
- High performance mechanical properties
- Good UV resistance
- Does not stain highly absorbent surfaces such as stones, marbles, granites
- User-friendly, does not contain silicone, isocyanates, solvents, halogens and acids

APPLICATIONS

- Crystal clear elastic bonding and sealing of various similar and dissimilar materials in construction, industry, shipbuilding & automotive industry.
- Fixing, bonding and assembling constructions.
- Sealing and bonding in the building and construction industry.
- Sanitary and kitchen areas – resists mould growth.
- Structural bonding in vibrating constructions.
- Sealing of floor and wall joints.
- Sealing and bonding of natural stone (marble, granite etc.).
- Sealing of connection joints in metal constructions.
- Mirror bonding, direct application onto the back of the mirror.
- Bonds stone, cement, marble, granite, limestone, cork, polystyrene, plaster elements, glass, mirrors, porcelain, tiles, metals, copper, aluminum, PVC, wood, veneer, MDF and other common building materials.

INSTRUCTIONS FOR USE

1. Surfaces must be clean, free of dust and grease.
 2. Use caulking gun.
 3. Repair with **ALL FIX CRYSTAL**.
 4. Finish with soapy water before skin formation.
- A suitability test is recommended.

ALL FIX CRYSTAL may be overpainted. However, due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.

The drying time of alkyd resin based paints may increase. Due to the wide variety of possible substrates, we recommend a preliminary compatibility test. This product cannot be used as a glazing sealant.

JOINT SIZE

Minimum Width: 2mm (bonding)
5mm (joints)

Maximum Width: 10mm (bonding)
30mm (joints)

Minimum Depth: 5mm (joints)

Recommendation: 2 X depth = width

LIMITATIONS

Not suitable for bonding for bonding PE, PP, PTFE, PC, PMMA, soft plastics, neoprene and bituminous substrates. Not suitable for permanent immersion in chlorinated water and contact with food.

REMARKS

ALL FIX CRYSTAL presents good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis. Presents poor resistance to aromatic solvents, concentrated acids, chlorinated hydrogens.

CLEANING

Clean all equipment with white spirit immediately after use.

TECHNICAL CHARACTERISTICS

Base: Hybrid MS Polymer
Color: Transparent
Consistency: Paste
Curing System: Moisture Cure
Skin formation (20°C/ 65% R.V.): 20min.
Curing Rate (20°C/ 65% R.V.): 2mm/24h
Hardness (DIN 53505): 30 ± 5 Shore A
Specific gravity (DIN 53479): 1,05 ± 0,05gr/ml
Temperature Resistance: -40°C to +100°C.
Elastic Recovery (ISO 7389): >75%
Maximum Deformation: ±25%
Elasticity Modulus 100% (DIN 53504): 0,9N/mm²
Tear Strength (DIN 53504): 1,8N/mm²
Elongation at Break (DIN 53504): 250%
Application temperature: +5 °C - +40°C.

STORAGE

In a cool and dry place at temperatures between +5°C - +25°C.

SHELF LIFE

12 months in unopened packaging in the above mentioned storage conditions

Evochem®

EVOCHEM S.A.

Tzavredella place 13341, Fyli, Attica, Greece

Tel.: 210 5590460, 210 5590155 Fax: 210 5590244

E-mail: info@evochem.gr Website: www.evochem.gr





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PACKAGING

Tubes 80ml

Cartridges 290ml

Sausages 600ml, upon request

PACKAGING	CODE	BARCODE
80ml transparent box	4254	5204094042549
80ml transparent blister	4266	5204094042662
290ml transparent	04216	5204094042532

HEALTH AND SAFETY INFORMATION

Consult products recent Safety Data Sheet before application.

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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