



## Adhesives & Sealants

# ALL FIX

### Technical Data Sheet

Reviewed: 23.04.2020



#### DESCRIPTION

**ALL FIX** is a high quality one component adhesive and sealant based on MS-Polymer new advanced technology with high adhesive strength. It is chemically neutral and fully elastic. It is suitable for applications in construction, automotive, marine and aerospace areas where a tough flexible rubber joint or adhesive with powerful bond strength is required.

#### ADVANTAGES

- Excellent applicability
- High bonding strength and fast cure onto nearly all surfaces
- Primerless adhesion even on damp surfaces
- High performance mechanical properties
- Colour stability and UV resistant
- No staining of highly porous materials such as natural stone, blue stone, marble, granite
- Permanently elastic after curing
- Paintable with most paints
- Ecological advantages -free of isocyanates, solvents, halogens and acids

#### APPLICATIONS

- 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

#### INSTRUCTIONS FOR USE

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

A suitability test is recommended.

**ALL FIX** may be over painted; 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

#### REMARKS

**ALL FIX** 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:** MS Polymer

**Colour:** Transparent, White.

**Consistency:** Paste.

**Curing System:** Moisture Cure

**Skin formation (20°C/ 65% R.V.):** Ca. 10 min.

**Curing Rate (20°C/ 65% R.V.):** 2-3mm /24h

**Hardness (DIN 53505):** 40 ± 5 Shore A

**Specific gravity (DIN 53479):** 1,67 gr/ml

**Temperature Resistance:** -40°C to +90°C.

**Elastic Recovery (ISO 7389):** > 75%

**Maximum Deformation:** ±20%

**Elasticity Modulus 100% (DIN 53504):** 0,75 N/mm<sup>2</sup>

**Tear Strength (DIN 53504):** 1,80 N/mm<sup>2</sup>

**Elongation at Break (DIN 53504):** 750%

**Application temperature:** +5 °C - +35°C.

#### STORAGE

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

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#### SHELF LIFE

12 months in unopened packaging in the above mentioned storage conditions

#### PACKAGING

Cartridges 290ml transparent, white, black, gray, brown  
Tubes Display box & Blister 80ml transparent

PACKAGING	CODE	BARCODE
Display box 80ml transparent	4254	5204094042549
Blister 80ml transparent	4266	5204094042662
290ml white	04217	5204094052301
290ml transparent	04216	5204094042532
290ml black	4257	5204094042570
290ml gray	4259	5204094042594
290ml brown	4258	5204094042587

#### HEALTH AND SAFETY INFORMATION

**P101:** If medical advice is needed, have product container or label at hand **P102:** Keep out of reach of children **P103:** Read label before use **P501:** Dispose of the contents / containers in accordance with the current legislation on waste treatment  
**EUH208:** Contains Dioctylbis (pentane-2,4-dionato-O,O')tin. May produce an allergic reaction

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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