

# SEAL&BOND 50 MS

CHEMIHYB  
SEAL&BOND 50 MS



WATER RESISTANT



WEATHER RESISTANT



INDOORS/OUTDOORS



HIGHT ADHESION



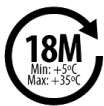
FLEXIBLE



MULTIPLE SUBSTRATES



PAINTABLE



## 1. PRODUCT DESCRIPTION

**SEAL&BOND 50 MS** is a adhesive and sealant MS Polymer based with high quality, high modulus polymers for bonding and sealing on most substrates used in construction, automotive, marine, etc. Permanent elasticity after cure. Excellent adhesion and chemical resistance. Good grip on wet surfaces, even under water.

## 2. MAIN BENEFITS

- ✓ UV and weather resistance
- ✓ Excellent adhesion on different types of substrates
- ✓ Suitable for use on damp surfaces, ensuring correct adhesion
- ✓ Paintable
- ✓ Odourless and free of isocyanates
- ✓ Non-corrosive on metal bonding
- ✓ After application, maintains adhesion and permanently elasticity
- ✓ For indoor and outdoor use
- ✓ Remains stable to weather conditions, without aging

## 3. TECHNICAL CHARACTERISTICS

Properties	Value	Norm
Basic ingredient	Polymer MS	-
Density	1,44 g/cm <sup>3</sup>	UNE-EN 542
Skin formation time (23° e 50% h.r.)	20 – 40 minutes	M.I.
Vulcanisation rate (23° e 50% h.r.)	2 – 3 mm/24h	M.I.
Processing temperature	+5°C to +40°C	-
Hardness (Shore A)	50	DIN 53505
Tensile strength	2,5 – 3,0 MPa	DIN 53504
Modulus at 100% elongation	1,1 – 1,3 Mpa	DIN 53504
Elongation at break	200 – 400 %	DIN 53504
Temperature resistance	-40°C to +90°C	-

Laboratory test results.

## 4. APPLICATIONS

Specially formulated for bonding and sealing on almost all materials used in the construction, automotive, marine industries, etc.

Sealing joints with little movement, fixing tiles, building prefabricated structures, etc.

For interior and exterior use. Bonds on almost all materials used in the construction industry, such as concrete, brick, natural stone, tile, ceramics, bodywork, galvanized, stainless steel, aluminium, wood, etc. It can be applied on damp surfaces, even under water, ensuring a correct adhesion.

## 5. METHOD OF USE

**PREPARATION:** The materials to be joined must be clean and free from dust and grease. The support be slightly damp. They may be cleaned with alcohol, acetone or MEK.

**APPLICATION:** Good ventilation is important during application and vulcanisation of the product. Apply **SEAL&BOND 50 MS** with the supplied nozzle in strips or dots on the element to be bonded. The strips must be applied in vertical rows. After joining the pieces to be glued, press firmly.

**PAINTING:** Paintable with most water and solvent based paints after 48 hours. Pre-testing is necessary.

## 6. SAFETY

Must be used in well-ventilated areas, avoiding contact with skin, eyes and mucous membranes. Keep out of the reach of children.

For more information consult the safety data sheet.

## 7. STORAGE

Store in a cool, dry and well-ventilated environment between +5°C and + 25°C, away from sources of heat and humidity. Best before 18 months.

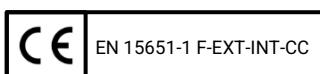
## 8. PACKING AND COLOURS

SAP		ml		EAN
CH03010001	White	300	24	5608907438688
CH03010002	Grey	300	24	5608907438671
CH03010003	Black	300	24	5608907438664
CH03010004	Terracota	300	24	5608907438657
CH03020001	White	600	20	5608907455647
CH03020002	Grey	600	20	5608907455678
CH03020003	Black	600	20	5608907455661
CH03020004	Terracota	600	20	5608907455685

## 9. LIMITATIONS

Don't use **SEAL&BOND 50 MS** on bituminous substrates or on building materials which might bleed oils, plasticizers or solvents (for example, natural rubber, chloroprene, EPDM, etc.). There is no adhesion to PE, PP, PTFE. Due to the wide variety of possible substrates, we recommend a preliminary compatibility test. A preliminary test is recommended for paints with solvents.

## 10. TECHNICAL APPROVALS



**Note:** This technical data sheet replaces all previous for the same product. The technical information provided, either verbally or in writing, is based on our current knowledge and should be considered as collaboration without commitment. The use of the product is beyond our control, thus, we rule out any responsibility for its improper use. The customer is responsible to confirm and validate (by testing) if the product is suitable for the process and the type of use in question. All features, specifications and product images are subject to change without notice.