

CHEMIHYB SEAL&BOND 35MS CRISTAL

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SECAGEM RÁPIDA



RESISTENTE À HUMIDADE



RESISTENTE INTemperies



INTERIOR/EXTERIOR



EXCELENTE ADERÊNCIA



FLEXÍVEL



MÚLTIPLOS SUBSTRATOS



PINTÁVEL

PRODUCT DESCRIPTION

CHEMIHYB SEAL&BOND 35MS CRISTAL is a transparent elastic adhesive based on high quality MS Polymers, to make joints between different materials invisible and bonding to most substrates used in construction, the automotive industry, the shipbuilding industry, etc.

CHARACTERISTICS

- ✓ Professional Quality
- ✓ Crystalline
- ✓ Excellent adhesion on various types of substrates
- ✓ Applicable on damp surfaces ensuring correct adhesion
- ✓ Prevents mold formation
- ✓ Great resistance to UV rays, temperature changes and aging
- ✓ Fast cure
- ✓ Odorless, free of solvents and isocyanates
- ✓ Resistance to aging
- ✓ Indoor and outdoor use
- ✓ Permanent elasticity
- ✓ Remains stable to atmospheric conditions, without aging

TECHNICAL SPECIFICATIONS

Properties	Value	Standard
Composition	Polymer	-
Density	1,04 g/cm³	
Film formation time (23° e 50% h.r.)	10-15 minutes	M.I.
Healing speed (23° e 50% h.r.)	2 – 3 mm/24h	M.I.
Application temperature	+5°C a +40°C	-
Hardness (Shore A)	40	DIN 53505
Tensile break	1,5 N/mm²	DIN 53504
Elastic modulus100%	0,65 N/mm²	DIN 53504
Elongation at break	300 %	DIN 53504
Temperature resistance	-40°C a +90°C	-

Results tested in the laboratory.

APPLICATIONS

Specially formulated for most substrates used in the construction industry, automotive industry, marine industry, etc.

Ideal for all gluing and sealing jobs where transparency and elasticity are required, for example, for gluing handles on glass doors, for use in bathrooms, kitchens, etc.

Elastic bonding of parts of structures subject to vibration.

Approved for indoor and outdoor application according to the EN15651-1 F EXT-INT standard.

Approved for use on glass according to EN15651-2 G.

Suitable for kitchens and bathrooms as it prevents mold formation - Approved according to EN15651-3 XS for joints in sanitary áreas.

METHOD OF APPLICATION

PREPARATION

- To achieve perfect adhesion to the substrate, the surfaces must be clean and free of dust, grease, oils, pollution, oxides, etc... If necessary, degrease with alcohol, acetone or MEK.
- Check the compatibility of **SEAL&BOND 35 MS CRISTAL** with the substrates where it will be applied.

APPLICATION

- If necessary, use a joint cord to avoid three-point contact and observe the width/depth ratio defined by the following rule: ideal joint depth = joint width / 2, with a minimum depth of 8mm (check expansion joint table at the end of the document). A temperatura de aplicação deve estar entre +5°C e +40°C.
- The application temperature must be between +5°C and +40°C.
- Apply masking tape to the sides of the joints to protect the places where it should not come into contact.
- Cut the tip and place it in the cartridge. It is recommended that this cut be made at 45°C, in the diameter required for sealing the joint or bonding.
- **SEAL&BOND 35 MS CRISTAL** can be applied with a manual or pneumatic gun.
- Apply **SEAL&BOND 35 MS CRISTAL** in uniform strands on the materials to be bonded. After application, use a spatula to smooth the joint or press firmly on the joint of the parts to be glued.
- The curing process starts when it comes into contact with the humidity in the air, which is done from outside to inside 3mm every 24 hours.

CLEANING

- Tools can be cleaned with an organic solvent (eg acetone or alcohol) before the sealant cures. After curing, it can only be removed by mechanical action.

PAINTING

- Paintable with most water or solvent based paints after 48 hours. Pre-tests are required.

RESTRICTIONS OF USE

Do not use SEAL&BOND 35 MS CRISTAL on bituminous substrates or construction materials that release oils, plasticizers or solvents (for example rubber, chloroprene, EPDM, ...). Does not adhere to PE, PP, PTFE. Due to the wide variety of possible substrates, a prior compatibility test is recommended. Painting with solvents it is recommended to carry out a compatibility test beforehand.

SAFETY INFORMATION

Avoid contact with skin, eyes and mucous membranes. Keep out of the reach of children.

For more information consult the safety data sheet.

STORAGE CONDITIONS AND SHELF LIFE

Store in a cool, dry, well-ventilated environment between +5°C and +40°C, away from sources of heat and moisture. Shelf life 24 months if stored under recommended conditions, as it may shorten the term

CERTIFICATIONS

CE Marking and Declaration of Performance for:

- ❖ Sealant for facade joints in interior and exterior applications: EN 15651-1: 2012: Type F - EXT-INT
- ❖ Sealant for glass sealing applications: EN 15651-2: 2012: Type G
- ❖ Sealant for sanitary joints: EN 15651-3; Type S, Class S1



PACKAGING

SAP	Description		ml		EAN
CH03510000	CHEMIHYB SEAL&BOND 35 MS	Cristal	290	12	5604630153775

Note: This technical sheet cancels and replaces others previously issued for the same product. The technical information given, verbally or in writing, is based on our current knowledge, given in good faith and supported by various laboratory tests. Taking into account the diversity of factors that may affect the product during its use, as well as the various application techniques, the user is responsible for confirming and carrying out his own tests and experiments, whether the product is suitable for the process and type of use in question. For these reasons, any application of the product is carried out under the sole responsibility of the user, and CHEMITOOL-LUSAVOUGA S.A. cannot be liable for any losses or damages, directly or indirectly resulting from the application. All features, specifications and product images are subject to change without notice.