

Ceys Stop Mould x5 Silicone

Format: 280-ml cartridge, 125-ml tube, 50-ml tube
Colour: White, translucent, cream and anthracite

Product description

Ceys Stop Mould is a fast-drying, acetic-cure, medium-modulus, single-component silicone sealant.

Ceys Stop Mould is a sealant that can withstand the harshest moisture conditions (unventilated bathrooms and kitchens, basements, etc.). It is even resistant to contact with water within 30 minutes of application.

Thanks to its controlled release technology (CRT), it gives continuous protection, as the fungicide is released progressively. Therefore, the silicone bead is continuously protected, resulting in joints that do not blacken and look just as they did on the first day.

Figure 1: Curing depth (mm) plotted against time (hr.), CET (Ceys Express Technology)

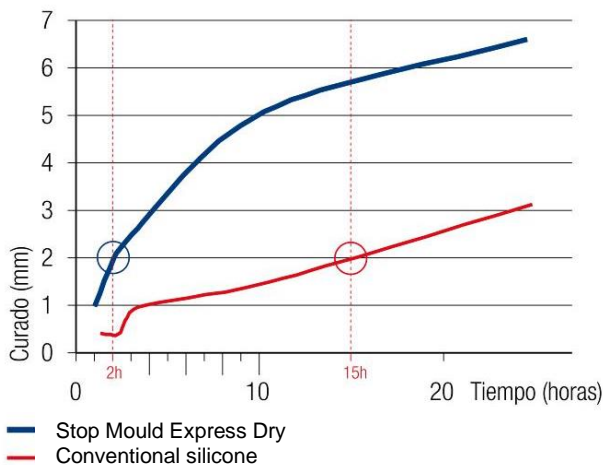
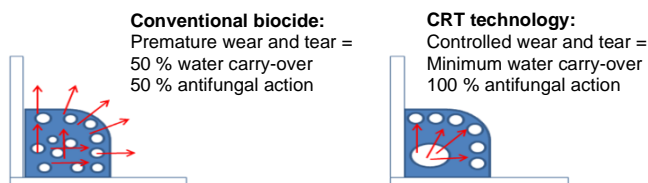


Figure 2: Comparison of CRT (Controlled Release Technology) and conventional anti-mould protection



Applications

Sealing indoor and outdoor joints: bath tubs, showers, screens, sanitaryware, worktops, basin pedestals, basements, sinks, etc.

Can be applied to ceramics, tiles, stoneware, porcelain, glass, aluminium, wood, composites, etc.

Do not apply to marble (sealant only) or mirrors.

Adhesion

CEYS STOP MOULD acetic silicone has excellent adhesion with no need for primer on aluminium, anodised aluminium, vitrified tiles, concrete, PVC, etc.

On the other hand, since it contains acidic components, it attacks mirrors, expanded polystyrene, natural stone and metal substrates.

Should any adhesion difficulties arise, please contact the AC Marca Adhesives technical service department.

Mechanical properties

Uncured product	
Density at 23 °C (ISO 1183)	1 g/cm ³
Catalysis	Acetic
Resistance to flow (ISO 7390)	< 2 mm
Application temperature	5 °C / 40 °C
Curing	
Skin formation time at 23 °C / 50 % RH (internal method)	5 - 8 min.
Depth of curing, 24 hr. at 23 °C / 50 % RH (internal method)	3 mm
Water resistance time at 23 °C / 50 % RH (internal method)	30 min.
After curing	
Service temperature	-30 °C / 120 °C
Shore A (ISO 868)	17
Change in mass and volume (ISO 10563)	-3.03 wt. % 2.53 vol. %
Evaluation of the action of microorganisms (ISO 846)	Intensity of growth 0
Mechanical properties of 2-mm films	
Modulus at 100 % elongation (ISO 37)	0.15 MPa
Tensile strength (ISO 37)	0.74 MPa
Elongation at break (ISO 37)	673 %
Mechanical properties on block	
Tensile strength, concrete (ISO 8339)	0.04 MPa
Elongation at break, concrete (ISO 8339)	15.8 %
Type of break, concrete (ISO 10365)	AF
Tensile strength, aluminium, (ISO 8339)	0.26 MPa
Elongation at break, aluminium, (ISO 8339)	187.5 %
Type of break, aluminium, (ISO 10365)	CF
Tensile strength, glass, (ISO 8339)	0.23 MPa
Elongation at break, glass (ISO 8339)	158.8 %
Type of break, glass (ISO 10365)	CF
Tensile strength, grey PVC (ISO 8339)	0.20 MPa
Elongation at break, grey PVC (ISO 8339)	133.3 %
Type of break, grey PVC (ISO 10365)	AF

TECHNICAL DATA SHEET

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Ref.: 505540, 505546,
505568, 505573, 505583,
505584, 505640, 505646



Tensile strength, beech wood (ISO 8339)	0.31 MPa
Elongation at break, beech wood (ISO 8339)	225.7 %
Type of break, beech wood (ISO 10365)	CF
Tensile strength, polycarbonate (ISO 8339)	0.25 MPa
Elongation at break, polycarbonate (ISO 8339)	207.6 %
Type of break, polycarbonate (ISO 10365)	CF

Instructions for use

Surface preparation:

The surfaces to be sealed must be completely dry and free of dust, grease or dirt. Metal or glass substrates can be easily cleaned using a cloth moistened with acetone or isopropyl alcohol. For cleaning methods for other types of substrate, consult the manufacturer of the substrate.

Application:

Use a craft knife to cut the nozzle at an angle to the desired diameter and apply to the joint using an appropriate sealant gun. Seal vertical joints from the bottom to the top, to prevent the formation of air pockets inside the joint.

Use the CEYS SILICONE SMOOTHING spatula (reference 506104) to smooth the product.

To cut the corners of the seal, leave it to dry (at least 24 hours after application) and then use a razor blade.

Minimum time before contact with water: 30 minutes

Minimum time for withstanding contact with high pressure water: 12 hours

Total drying time: 24 hours

Formats

	Cartridge	125-ml tube	50-ml tube
White	505540	505568	505583
Translucent	505546	505573	505584
Cream	505640		
Anthracite	505646		

Dissolving and cleaning

When wet, this product can be easily removed using a cloth moistened with alcohol. Once cured, it can only be removed using mechanical methods. *Paso Profesional Professional Silicone Remover* (ref. 703115) and the Silicone Removal Spatula (ref. 506105) may prove useful.

Storage

Store in a cool, dry place at a temperature of between 5 °C and 30 °C. In its original packaging, this product has a life of 18 months from the date of manufacture.

Safety precautions

The acetic catalysis process of this silicone sealant releases small amounts of acetic acid during curing. It is advisable to have good ventilation in the application site.

If uncured product comes into contact with the eyes or mucous membranes, the affected area should be thoroughly rinsed with water to avoid irritation. If irritation persists, seek medical advice. Cured silicone can be handled with no health risk.

Keep out of the reach of children.

More detailed instructions are given in the relevant product safety data sheet.

NOTE: The user shall take ultimate responsibility for determining the final suitability of the product in all types of application.

The information given in this Technical Data Sheet should never be considered as a specification of the product's properties. We guarantee the uniformity of the properties of our products in all supplies. The recommendations and information published in this technical data sheet are based on our current knowledge and rigorous laboratory tests. Due to the many variations in each project's materials and conditions, we ask our customers to conduct their own tests of utility under the expected working conditions and following our general instructions. This will avoid any subsequent damage, for the consequences of which the company is not responsible.