

# MODESIL™ NO30 PRO

**DESCRIPTION** MODESIL™ NO30 PRO is a single-component, solvent-free, silicone adhesive and sealing compound with a neutral curing system. It does not cause corrosion of materials it goes into contact with. It is a high-quality product, ensuring flexible and durable joints and sealings with excellent adhesion to glass, most of plastics, paint coatings, stainless steel and aluminum. The joint is durable and resistant to variable weather conditions, UV radiation and moisture. The product has been protected against the growth of fungi and mould. After curing, it may be used in environments with a wide range of temperature changes. A great advantage of MODESIL™ NO30 PRO is quick surface curing time and very short deep curing time. Thanks to a special formulation, the product cures ca. 50% faster than standard single-component silicones available on the market. The cured material has superb mechanical properties: high tensile and tear strength. MODESIL™ NO30 PRO is user-friendly and does not require additional preparations or mixing devices. Does not flow down during application.

**APPLICATION** MODESIL™ NO30 PRO is intended for gluing IGUs into window frames (window bonding), non-structural installation of small elements, sealing facade elements and filling expansion joints.

**PROPERTIES**

Curing type	cross-links with air moisture
Curing system	neutral – oxime
Treatment time [min]	< 5
Curing rate [mm /24 h]	ca. 3.0
Application (use) temperature [°C]	From +5 to +35
Thermal resistance (of cured product) [°C]	From -40 to +180
Tension at 100% elongation per ISO 37 [N/mm <sup>2</sup> ]	0.52
Force at rupture point per ISO 37 [N/mm <sup>2</sup> ]	1.77
Shore A hardness	approx. 32
Density [g/cm <sup>3</sup> ]	1.01 – 1.03
Rupture elongation as per ISO 37 [%]	562
Efficiency	400 mL is enough to obtain approx. 25 lin. m of 4 × 4 mm joint
Color	transparent

**INSTRUCTIONS FOR USE** As with every sealant and adhesive, all surfaces in contact with MODESIL™ NO30 PRO must be clean and dry. If necessary, use appropriate agents to remove any contamination that could weaken the adhesion to the substrate. We recommend PROMISET™ CLEANER for non-porous surface preparation. MODESIL™ NO30 PRO does not require using primer however in some cases, it may be necessary to use PROMISET™ GRUNTOZMYWACZ G115 UV or G214. The applied silicone can be tooled with an elastomer spatula moistened with the PROMISET™ Zwilżacz do silikonu (wetting product for silicone). Before using the product, it is strongly recommended to test the adhesion to the sealed or glued surfaces.

**USAGE CONDITIONS, LIMITS AND SAFETY** See Material Safety Data Sheet (MSDS) for MODESIL™ NO30 PRO.

**PACKAGING** MODESIL™ NO30 PRO is available in 400 ml sausages. Collective packaging (carton) contains 30 pcs. Other types of packaging (600 ml sausages, cartridges, hobbocks, barrels) are available upon request.

**STORAGE AND SHELF LIFE** Store in the originally sealed packaging in a dry place at temperatures from +5° to +35°C for no longer than 12 months from the production date. Storage instructions and the expiry date provided on the packaging must be strictly followed. Lakma Sat does not guarantee that the product will meet its performance characteristics after this date.

**User warning**

The information provided in this Data Sheet is intended to ensure optimal product use, however it does not constitute any grounds for legal liability on the part of the Manufacturer, as the conditions of works performance are beyond their control. The proposed procedures are considered to be common, however each user of this material should make sure, by all means possible, including by inspecting the end product, that the materials provided are suitable for achieving the intended goals. We assume no liability in case of combining this product with products from other Manufacturers. The above data, recommendations and guidelines are based on our best knowledge, research and experience and have been provided in good faith, according to our and our suppliers' policies. The Manufacturer reserves the right to amend the contents in subsequent editions without prior notice to the recipients.

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