

# MODESIL™ NO13

<b>DESCRIPTION</b>	MODESIL™ NO13 is a one-component sealing and bonding compound with a neutral-curing system. Its high quality ensures an elastic, durable seal with very good adhesion to glass and to materials used in the manufacture of home appliances, such as ceramic hobs, powder paint coated and anodized aluminum, stainless steel and certain plastics. The joint is durable and resistant to variable environmental conditions and UV radiation. The product features high thermal resistance and is non-corrosive to substrates. MODESIL™ NO13 is easy to use—it does not flow down during application and is easy to tool. It holds a PZH Hygienic Certificate (National Institute of Public Health).
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<b>APPLICATION</b>	MODESIL™ NO13 is recommended for use in the production of home appliances and certain types of electric heaters, and it also performs excellently as a sealant and adhesive in many other applications.
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<b>PROPERTIES</b>	
Curing type	Cross-links with air moisture
Curing system	neutral - oxime
Treatment time [min]	approx. 6
Curing rate [mm /24 h]	2,5 ±0,5
Application (use) temperature [°C]	+5 to +40
Thermal resistance (of cured product) [°C]	-40 to +250
Tension at 100% elongation per ISO 37 [N/mm <sup>2</sup> ]	0,40 ±0,05
Force at rapture point per ISO 37 [N/mm <sup>2</sup> ]	1,4 ±0,2
Rupture elongation as per ISO 37 [%]	650 ±50
Shore A hardness after 14 days	25 ±5
Density [g/cm <sup>3</sup> ]	1,02 ±0,1
Efficiency	600 ml is enough to obtain approx. 35 mb of joint 4x4mm
Color	colourless, white, grey, black

## APPROVALS, CERTIFICATES



<b>INSTRUCTION FOR USE</b>	The surfaces intended for sealing with MODESIL™ NO13 need to be clean and dry, free from loose particles. If necessary, use appropriate agents to remove any contamination that could weaken the adhesion to the substrate. We recommend using PROMISET™ Cleaner to clean non-porous surfaces. The applied silicone can be tooled with an elastomeric spatula moistened with a solution of PROMISET™ Zwilżacz do silikonu (Silicone Wetting Agent). MODESIL™ NO13 does not require the use of a primer; however, in some cases (e.g., stainless steel or powder coatings) it may be necessary to use PROMISET™ GRUNTOZMYWACZ (primer) G115 or G214. Before using the product, it is recommended to perform compatibility and adhesion tests on the surfaces to be bonded or sealed.
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<b>USAGE CONDITIONS, LIMITS AND SAFETY</b>	See Material Safety Data Sheet (MSDS) for MODESIL™ NO13
<b>PACKAGING</b>	MODESIL™ NO13 is available in 600 mL foil sausages. A collective packaging (carton) contains 20 units. The product can be supplied in other packaging upon request to meet individual requirements.
<b>STORAGE AND SHELF LIFE</b>	Store in the originally sealed packaging in a dry place at temperatures from +5° to +35°C for a period of no longer than 12 months from the production date. Storage instructions and expiry date provided on the packaging must be strictly followed. Lakma Sat does not guarantee that the product meets the declared performance characteristics after this date.

For more information on other Lakma Group products, visit our website [www.lakma.com](http://www.lakma.com)

## 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.

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