

MODESIL™ NO11

DESCRIPTION MODESIL™ NO11 is a one-component, acetic acid-free sealant with a neutral curing system. The high quality of the product ensures flexible and durable sealing with excellent adhesion to glass and materials used for manufacturing window frames – painted wood, PVC, powder paint coated and anodized aluminum. The joint is durable and resistant to variable weather conditions, fungi and mould growth, ozone and UV radiation. The product does not cause material corrosion. Available in a wide color range (24 basic colors), but can be manufactured in various custom colors. MODESIL™ NO11 is easy to use – does not flow down during application and is easy in final treatment.

MODESIL™ NO11 meets the high requirements of **LEED** and **BREEAM** standards. The latter is at an Excellent Level. The product also obtained positive compliance results with many other regulations regarding the emission of Volatile Organic Compounds (see the table in the Approvals, Certifications section), including Indoor **Air Comfort GOLD**. It is also certificated by Polish National Institute of Hygiene.

APPLICATION MODESIL™ NO11 is dedicated to the glazing of wooden windows, but also aluminum and PVC ones. It is perfect for sealing façade elements during prefabrication and installation. It can be successfully used in sealing cold stores and containers.

PROPERTIES

Curing type	cross-links with air moisture
Curing system	neutral – oxime
Treatment time [min]	approx. 6
Curing rate [mm /24 h]	2
Application (use) temperature [°C]	From +5 to +40
Thermal resistance (of cured product) [°C]	From -40 to +180
Tension at 100% elongation per ISO 8339 [N/mm ²]	approx. 0.32
Tension at 100% elongation per ISO 37 [N/mm ²]	approx. 0.36
Force at rapture point per ISO 37 [N/mm ²]	1.29
Rupture elongation as per ISO 8339 [%]	>200
Rupture elongation as per ISO 37 [%]	>600
Shore A hardness	27
Density [g/cm ³]	1.02 ±0.01
Volume change as per ISO 10563 [%]	≤6
Fire performance as per ISO 11925	Class E
Run-off resistance as per ISO 7390 [mm]	≤3
Elastic recovery as per ISO 7389 [%]	≥90
Microbiological growth as per ISO 846	0
Efficiency	600 mL is enough to obtain approx. 35 lin. m of joint 4 x 4 mm
Color	according to the chart; custom colors available upon request

APPROVALS, CERTIFICATES

	DoP 26/U/2018																														
PN-EN 15651-1:2013 Sealants for façade elements for indoor and outdoor use; class 25LM, type F-EXT-INT																															
PN-EN 15651-2:2013 Sealants for glazing; type G																															
PN-EN 15651-3:2013 Sealants for sanitary joints; type XS1																															
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User warning

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MODESIL™ NO11

INSTRUCTIONS FOR USE	The surfaces intended for sealing with SILIKON NO11 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 treated with an elastomer putty knife moistened with a PROMISET™ silicone wetting product solution (PROMISET™ Zwilżacz do silikonu). Prior to application, it is advised to perform the adhesion and compatibility tests for sealed surfaces. SILIKON NO11 does not require priming; however, in some cases it may be necessary to use PROMISET™ GRUNTOZMYWACZ G115 or G214.
USAGE CONDITIONS, LIMITS AND SAFETY	See Material Safety Data Sheet (MSDS) for MODESIL™ NO11
PACKAGING	MODESIL™ NO11 is available in 600 mL packaging. Collective packaging (carton) contains 20 pcs. The product can be delivered in different packaging, according to individual needs.
STORAGE AND SHELF LIFE	Store in the originally sealed packaging in a dry place at temperatures from +5° to +35°C for a period of no longer than 18 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.

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