

8011-8015 KALESİLİKON Silicone Sealant

Description

Moisture curing general purpose silicone sealant.

Fields of Application

- Fixing sealing and filling of joints of sanitary ware like baths, sinks, showers, kitchen, furniture.
- Fixing and sealing of construction elements made of glass, metal and PVC.

Properties

- Perfect adhesion to most surfaces used in building (glass, ceramic, marble, aluminum, concrete, stainless steel, PVC) without using primer.
- Elastic even at low temperatures as -30 °C.
- Resistant many years of exposure to severe weather conditions, industrial environments and thermal gradients.
- Resistant to UV rays.
- White transparent and 4 different colours.

Preparation of Substrates

- All substrates must be dry, solid and sound, free of dust and crumbling parts, oils, grease, wax, old paint and rust.
- In order not to dirty the stone tiles and slabs, it is recommended to use masking tape on the sides of the joints before applying Kalesilikon.

Application

- Cut the tip of the cartridge and screw on the nozzle which should be cut at 45° to produce a hole corresponding to the size of the joint.
- Insert the cartridge into the gun and extrude Kalesilikon.
- The material should be applied equally and continually while the tip of the cartridge remains within the joint.
- Smooth the surface of the sealant and check for the adhesion on the substrate right after the application. Possible air bubbles in the material should be let off during this process
- Smooth the surface of Kalesilikon with soapy water before skin information.
- The thickness of Kalesilikon applied should be lower than or equal to the width of the joint.

Post-Application Protect & Suggestions

- Remove the masking tape and clean the uncured Kalesilikon from tools and contaminated surfaces with common solvents like alcohol, ethyl acetate, toluene etc.
- Cured silicone can only be removed mechanically.
- Protect the surface from washouts at least during the first 24 hours after application.
- Surface and ambient temperature between +5°C and +40°C.
- Avoid application in extremely hot and/or damp weather.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.
 - Kalesilikon cannot be used for aquarium.

8011-8015 KALESİLİKON Silicone Sealant

- Not over paintable.
- Irritant for eyes, respiratory system and skin. For further information refer to safety data sheet.

Storage

- Store at a temperature between - 5 °C to + 50 °C in original sealed cartridge

Packaging

- 280 ml. or 310 ml. cartridge (white,black and transparent)
- 310 ml. cartridge (grey, beige, brown, black, transparent, white)

Technical Properties		(at 23°C and 50% RH)
General Data:		
Appearance	White, transparent, grey, beige, brown, black paste	
Density	0.98±0.03gr/cm ³	
Shelf Life	18 months in original sealed packaging	
Application Data:		
Application Temperature Range	(+5 °C) - (+40 °C)	
Skin Formation Time	10-15 minutes	
Curing Rate	2mm / 1st day	
Performance Data:		
Hardness Shore A (DIN 53505)	13±2	
Modulus at 100% Elongation (ISO 8339)	> 0.40 N/mm ²	
Elastic Recovery (EN ISO 7389)	≥ 60%	
Tensile Strength at Breaking Point (ISO 8339)	> 2 N/mm ²	
Elongation at Breaking Point (ISO 8339)	> 450%	
Loss of Volume (EN ISO 7390)	≤ 45%	
Resistance to Flow (ISO 7390)	≤ 3 mm.	
Service Temperature Range (after final cure)	(- 40 °C) – (+ 100 °C)	



Certificates of Quality

Conforms EN 15651-1:F-EXT-INT – CC -20HM and EN 15651-2:G-CC and EN 15651-3:S

8011-8015 KALESİLİKON Silicone Sealant

Please Note: All suggestions and application instructions herein are based on our latest technical experience. Due to wide variety of individual application conditions, the user alone is responsible for any consequences deriving from the use of the product.