

TECHNICAL DATASHEET

Universal Silicone

Description & Uses

Cromar AlphaChem Universal Silicone is a high performance, quick curing, universal silicone for general sealing, glazing, sanitary and facade applications. Provides a permanently water tight flexible seal and offer excellent adhesion properties on most common non-porous building materials. Mould resistant.

Ideal for:

- General sealing and glazing applications
- Top sealing in glazing systems, connection joints in buildings, kitchen and bathrooms
- Gap filling
- Sealing in DIY applications
- Connection and expansion joints on glass, porcelain, steel etc
- Sealing electric, telephone etc. sockets and switches
- Sealing around baths, showers and other sanitary ware and fixtures
- Excellent adhesion to glass, painted wood, ceramic and enamelled.

Available in: White, Black, Brown, Clear and Grey in 295ml cartridges.

Application

- Ensure all surfaces are clean, sound, dry and free from dust, grease or other contaminants. Old silicone should be removed using a silicone remover.
- Application temperature must be between +5°C and +40°C, below 5°C a dry surface cannot be guaranteed due to the potential for moisture.
- Fill any gaps or voids with Alpha Chem Expanding Foam or suitable backing tape or rod.
- Cut thread and then the nozzle to the required size.
- Apply sealant with a sealant gun and tool down, with light pressure, using a wetted spatula or gloved finger within 5 minutes of application.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed by mechanical means, when using sharp edged tools be careful not to damage surrounding materials. Hands can be cleaned with Grafters Wipes.
- It is the user's responsibility to dispose of all packaging correctly.

Storage

Store in cool, dry conditions between +5 and +30°C.

Shelf Life

24 months if stored in unopened, original packaging as directed.



Limitations

- Not overpaintable.
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not recommended to use on porous surfaces like marble, natural stone, concrete etc.
- Because of acidic curing, it must not be used on mirrors and sensitive metals like copper, brazen, lead and galvanised steel.
- Not suitable for aquariums.
- Sealant needs moisture for curing therefore it shouldn't be applied in completely closed places.
- Apply in well ventilated areas.
- It is the user's responsibility to determine suitability for use.
- Read the label prior to use it contains essential health and safety information, further information can be found on the Safety Data Sheet available on request.

Technical Data

Density	0.94 g/ml (ISO 1183-1)
100% Modulus	0.21 N/mm ² (DIN 53504 S2)
Application rate	1500 g/min (@ Ø3 mm/6,3)
Tensile Strength	0.83 N/mm ² (DIN 53504 S2)
Elongation at Break	550% (DIN 53504 S2)
Shore Hardness A	9 (DIN 53505)
Application Temperature	+5 to +40°C

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com.

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.