

SEALTAQ[®] PASTE

Product Information

Product description: Sealtaq[®] Paste is a ready to use, high temperature, corrosion preventing mouldable compound which can be easily applied by hand. Sealtaq[®] Paste has excellent adhesion to cast iron, ductile iron, carbon steel, stainless steel, non-ferrous metals and wood. It also adheres very well to coated substrates and "difficult" substrates like PVC, PE, PP etc.

Sealtaq[®] Paste is originally designed for use as moulding compound for filling small voids, leveling irregular shaped surfaces, rounding internal corners to create a smooth transition prior to install a.o.

Sealtaq[®] Universal Band and Construction Seal Band, but can also be used for filling non-and low-moving joints.

Sealtaq[®] Paste is a low temperature, cold applied, non-cross-linking, viscous polymer with cold flow, and visco-elastic properties. Sealtaq[®] Paste is viscous at the indicated operating temperatures, and due to its liquid nature, flows into all irregularities of the substrate under pressure. The compound does not cure, remains flexible and is unable to build up internal stress. Sealtaq[®] Paste is fully resistant to water and is air- gas and waterdamp tight.

Features:

- Can be used for services up to maximum 70°C (158°F)
- Minimum surface preparation required
- Adheres on virtual all dry and clean surfaces without use of primer
- Does not cure or dry-out/ unlimited pot-life
- Air, gas and water tight (DVGW tested and approved)
- Controlled cold flow providing permanent inflow into the finest pores of the substrate
- Resistance to low temperatures without getting brittle/remains flexible
- Conforms to irregular shapes/easy to mould by hand
- Not affected by MIC/SRB
- Inert to ageing and weathering
- Non-toxic, applicator-and environmental friendly
- Resistant to many chemicals like water, salts, acids, alkalis, polar solvents, etc. For specific information, please consult Stopaq B.V.

Benefits:

- No health and safety hazards to humans, animals and environment
- Ready to use/fast and easy to apply
- Easy to control application
- Can be moulded into holes/ joints and onto various types of irregular shaped objects
- Very low gas- and water vapour permeability

Application examples

Filling and moulding: Corrosion protective moulding and filling of steel and non-ferrous metal, for below and above ground structures and equipment.

Sealing: Joint - and casing sealing around air-pipes, above ground air-ducts, window frames, sealing-off crevices , filling-in chain-welds, crevices and other irregularities

Embedding: Flashings and fasteners on roofs and facades, censor and connector embedding, patching compound for filling small voids underneath Sealtaq[®] Universal Band and Construction Seal Band.

Product properties of Sealtaq[®] Paste

Colour	Grey
Density	1.35 g/cm ³ +/- 0,05
Temperature range	Operation temp.: - 45°C up to + 70°C : - 49°F to 158°F Short term max.: up to +80°C (176°F).
UV-resistance	Good
Glass temperature resistance	≤ - 65°C *)
Specific electrical resistance	> 10 ⁸ Ω.m ² *)
Adhesion test	Tested @+23°C and +70°C (73 and 158°F) on steel and plant coatings (PP, PE and FBE) *). Results on all substrates: – Cohesive failure, no evidence of adhesive failure – Residual preventing film remaining on substrate, coverage ≥ 95%

*) According to ISO 21809-3:2008/Amendment 1:2011

General order information

Product	Sealtaq[®] Paste <u>Product dimensions and contents:</u> Roll, 3 x 50 mm. x 8,5 m. on roll, 12 rolls/box. Sausage 2 kg. 9 pcs/box, 324 pcs/pallet.
Handling	Handle with care. Keep boxes upright.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below +30°C (86°F). Unlimited shelf life.

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Application instruction: Job preparation	
Tools, equipment and auxiliaries	<ul style="list-style-type: none"> - Temperature probe, Dew point tester - Scissors, knife, measuring tape - SFL Abrading pads, wire brushes - SFL Substrate Cleaner
Ambient conditions	A minimum ambient temperature for ease of application is not relevant as long as the substrate is free from condensing water which can be reached by keeping the temperature at least 3°C (5°F) above dew point.
Work area and substrate	The work area and substrate should be protected against rain for minimum 24 hours after application, when left uncovered.
Product conditions	Sealtaq® Paste should be dry. For the ease of application, the product temperature should preferably be around +20°C (68°F).

Application instruction: Surface preparation	
General	The area to be coated has to be clean and free from oil, grease and dust. All contamination including mill-scale has to be removed..
Degreasing	Degrease steel surfaces with SFL Substrate Cleaner and a lint-free cloth.
Preventing condensation of water	Prior to and during the application, the temperature of the substrate(s) must be at least 3°C (5°F) above the dew point
Substrate temperature	Temperature of the substrate should preferably be between +5°C and +70°C (41 and 158°F) for fast and easy application. Preheating may be required when temperature is < 5°C (41°F) .
Concrete substrate	Concrete must be cured to a maximum residual moisture content of 5%. The area to be treated has to be clean and free of oil, grease and dust.
Steel substrate	Minimum requirement for surface cleanliness is St2 according to ISO 8501-1. Roughness profile is not required for getting adhesion.
Other substrates	De-gloss and degrease the surfaces by using an SFL Abrasive pad and SFL Substrate Cleaner.

Application instruction: Brief version	
Manual application	Apply lumps of Sealtaq® Paste around the shaped objects. Press the Paste during application and avoid air entrapment. After shaping, the surface should be smooth to enable proper application of additional materials.
Minimum thickness	Ensure that all parts of the objects are coated with a minimum layer of 2 mm. thickness.

Application instruction: Quality Control	
Visual inspection	The Sealtaq® Paste must be visually inspected for any defects. The appearance must be smooth and should be shaped tight around all details

Application instruction: Mechanical protection	
Mechanical protection	Once applied, Sealtaq® Paste should be protected against impacts, indentations, soil pressure and other influences, by Sealtaq® Construction Band. When backfill is applied, additional protection by Geotextile or Protectamash could be required. Mechanical protection should overlap the boundaries of applied Sealtaq® Paste.

Handling and commissioning	
Exposure to loads	Objects repaired with Sealtaq® Paste should not be exposed to loads e.g. from supports- or lifting equipment.
Immersion or burying	Immersion or burying is depending on the specific environmental conditions and total system applied. Inflow of the Sealtaq® Paste depends on substrate and ambient temperature and can be easily checked before immersion and burying . Contact STOPAQ B.V. for specific application instructions.

Information	
Documentation	Extensive information is available on our website. Application instructions and other documentation can be obtained by contacting our head office, from our local distributor or by sending email to info@sealforlife.com
Certified staff	Application of the described coating system should be carried out by certified personnel.



Seal For Life Industries LLC
Franklin, MA, USA
Tel: +1 508 918 1600
Toll Free: +1 800 248 7659
Fax: +1 508 918 1905
franklin@sealforlife.com

Seal For Life Industries Mexico
S de R.L. de C.V.
Tijuana, Mexico
Tel USA: +1 858 633 9797
Fax USA: +1 858 633 9740
Tel Mx: +52 664 647 4397
Fax Mx: +52 664 607 9105
mexico@sealforlife.com

Seal For Life Industries
Stopaq B.V.
Stadskanaal, the Netherlands
Tel: +31 599 696 170
Fax: +31 599 696 177
info@sealforlife.com

Seal For Life Industries BVBA
Westerlo, Belgium
Tel: +32 14 722 500
Fax: +32 14 722 570
belgium@sealforlife.com

Seal For Life India Private Ltd.
Baroda, India
Tel: +91 2667 264 721
Fax: +91 2667 264 724
india@sealforlife.com

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