

Code	Description	Size	Colour
12105	Accent General Purpose MS Sealant	290ml	White

1. Description

Accent MS Sealant is a high quality, neutral, elastic, single component joint sealant based on MS Polymer Technology.

2. Characteristics

- Good extrudability
- Stays elastic after curing and very sustainable
- Impervious to mould, contains ZnP (biocide with fungicidal action)
- Very low emission, EC1 PLUS R certified
- Excellent adhesion on nearly all surfaces, even if slightly moist.
- Can be painted
- No odour
- Does not contain solvents, isocyanates, acids, halogens and toxic components, completely neutral
- Good weather and UV Resistance

3. Technical Data

Base:	MS Polymer
Consistency:	Stable Paste
Curing System:	Moisture Cure
Skin Formation: * (20 °C/65% R.H.)	Ca. 10min
Curing Rate: * (20 °C/65% R.H.)	2mm – 3mm /24h
Hardness: **	40+/-5 Shore A
Specific Gravity: **	1.60g/mL
Elastic Recovery: ** (ISO 7389)	>75%
Movement Capability:	+/- 20%
Max. Tension: ** (ISO 37)	1.50 N/mm ²
Elasticity modulus 100%: ** (ISO 37)	0.80 N/mm ²
Elongation at break: ** (ISO 37)	>900% (DIN 53504)
Temperature Resistance:	-40 °C until +90 °C
Application Temperature:	+ 5 °C until +35 °C

* This varies according to ambient conditions such as temperature, humidity, substrate etc

** This information applies to fully cured product

4. Applications

- Sealing and bonding in the building & construction industry
- Strong bonding in vibrating constructions
- Joints in bathrooms & kitchens
- Sanitary applications

5. Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C

6. Application Instructions

Surfaces:	All usual substrates, treated wood, PVC, plastics Accent MS Sealant has been tested on the following metal surfaces: steel, AlMgSi1, brass, electrolytic galvanised steel, AlCuMg1, flame galvanised steel, AlMg3 and steel ST1403 Accent MS Sealant also has a good adhesion on plastics: polystyrene, polycarbonate (Makrolon®), PVC, ABS, polyamide, PMMA, fiberglass reinforced epoxy, polyester. While producing plastics very often releasing agents, processing aids and other protective agents (like protection foil) are used. These should be removed prior to bonding or sealing.
State of Surface:	Clean, dry and free of dust and grease.
Preparation: surfaces	Porous substrates; surfaces such as lightweight aerated concrete, masonry plasters, bricks and other regarded as very porous should be primed with a suitable Primer. Non Porous substrates; due to the wide range of materials, coatings and surface finishes we recommend to test to verify adhesion to determine the correct adhesion promoter. We recommend surfaces be degreased prior to bonding.

Soudal recommends a preliminary compatibility test to ensure that the user is satisfied with the result given.

Joint Size:

Minimum Width for bonding:	2mm
Minimum width for Joints:	5mm
Maximum Width for bonding:	10mm
Maximum Width for joints:	30mm
Minimum Depth for joints:	5mm
Recommendation:	2 x depth = width Avoid 3 point adhesion in joints

Clean Up	with Solvent Cleaner or white spirits Immediately after use
----------	---

Application

Method:	Apply with manual- or pneumatic caulking gun.
---------	---

Remarks:

- Accent MS Sealant may be overpainted with water-based paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.
- The drying time of alkyd resin-based paints may increase.
- There is a risk for staining on porous surfaces such as natural stone.
- Accent MS Sealant can be applied to a wide variety of substrates. Specific substrates such as plastics, like polycarbonate, etc, may differ from manufacturer to manufacturer, we recommend preliminary compatibility test.
- A total absence of UV can cause a colour change of the sealant. Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in colour does not affect the technical properties of the product.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remaining's will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.

7. Limitations

- There is no adhesion to the following types of substrates of PE, PP, PTFE (Teflon) and Bituminous substrates. Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion.
- Bonding plastics like PMMA (e.g. Plexi® glass), polycarbonate (e.g. Makrolon® or Lexan®) in stress loaded applications can give rise to stress cracking and crazing in these substrates.
- Holdfast NZ Ltd recommends a preliminary test for compatibility to ensure that you get the desired result.

- Accent MS Sealant cannot be used as a glazing sealant, nor is it suitable for bonding in aquariums.
- Do not use in applications where continuous water immersion is possible.

8. Health and Safety Recommendation

- Apply the usual industrial hygiene.
- Please refer to MSDS for more detailed information

Remark

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email info@soudal.co.nz.***

Last Updated: 31 July 2019

Supplier contact details:	Soudal Ltd	Freephone: 0800 70 10 80
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	Fax: (07) 847 0324
	Hamilton 3200	Email: info@soudal.co.nz
	New Zealand	Website: www.soudal.co.nz