



# DRI-FLEX 55 STP

## High quality, solvent- & isocyanate-free, weather resistant multi-purpose sealant

Elastic and ultra-low VOC mono-component sealant that is especially formulated for use as a construction sealant for façade joints which are susceptible to extreme UV, weather, dirt and movements.

### FEATURES/BENEFITS

- Ultra-low VOC & green formulation (isocyanate-free, solvent-free, acid-free)
- Excellent adhesion on most building materials
- Stays elastic after curing
- No odour & no silicone oil
- Non-bubbling under high temperature and humidity
- Can be overpainted

### APPLICATION AREAS

- Interior & exterior
- Vertical & horizontal joints
- Window frames
- Adhesive for various materials
- Various substrates, such as concrete, cementitious materials, masonry, metal, glass, wood, ceramic, and many more.

### PRODUCT DATA

<b>Packaging</b>	600ml foil sausage unipac
<b>Shelf Life</b>	12 months in unopened packaging
<b>Storage Condition</b>	Stored in a cool and dry storage place with storage temperatures of 5°C – 28°C, away from sunlight and excessive moisture.

### TECHNICAL DATA

<b>Origin</b>	Silane terminated polymer (STP)
<b>Appearance / Colour</b>	Black paste
<b>Smell</b>	Odourless
<b>Specific Gravity</b>	1.54 g/ml
<b>Hardness</b>	~30 ± 5 Shore A
<b>Maximum Tensile</b>	1.01 N/mm <sup>2</sup> (ASTM D412)
<b>Staining on Substrate</b>	No staining (ASTM C1248)
<b>Elongation at Break</b>	> 550% (ASTM D412)
<b>Movement Capability</b>	±50% (ASTM C719)

## APPLICATION CONDITIONS

<b>Curing System</b>	Moisture-cured
<b>Skin Formation</b>	~ 60 minutes (23°C, 50% RH)
<b>Curing Speed</b>	3 mm per 24 hours (23°C, 50% RH)
<b>Joint Dimensions</b>	Min. width: 5 mm Max. width: 30 mm  Recommended joint width = 2x joint depth
<b>Application Temperature</b>	5 – 35 °C
<b>Temperature Resistance</b>	-4 – 90 °C

## SUBSTRATE

Surfaces must be clean, dry, sound, and free from grease, oil and dust. Dri-Flex 55 STP adheres without primers and/or activators. For porous surfaces, Dri-Flex Primer 100 may be used. All common substrates such as concrete, aluminium, slates, stones, treated wood, PVC, etc. is compatible to be used with Dri-Flex 55 STP.

Not suitable for PE, PP, PTFE (Teflon), copper and asphaltic substrates. We strongly recommend a preliminary compatibility and adhesion tests before actual use.

## CLEANING OF TOOLS

Cleaning with white spirit immediately after use (prior to curing).

## LIMITATIONS

- Dri-Flex 55 STP may be overpainted with water-based paints. However, a spot compatibility test is always advised prior to full application of product.
- Drying times of certain paints may increase if used over product.
- Dri-Flex 55 STP is not recommended as a glazing sealant.
- Do not use under continuous high pressure water immersion.
- Discolouration due to prolonged exposure to chemicals, high temperatures and UV may occur. A change in colour does not affect the technical properties of the product.
- Contact with bitumen, tar, EPDM, neoprene etc. can cause discolouration or reduced adhesion.

- This product is for professional use only. Before using product, please read the safety data sheet (SDS) and instructions on packaging.

## HEALTH & SAFETY

For information & advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned copies of which will be supplied on request.