

Technical Data Sheet

Zemseal® PA Sealant

(Henry 925 BES Sealant)

Flexible elastomeric Sealant



Product

Description

Zemseal® 925 Sealant is a premium, moisture cure sealant for construction joints subject to dynamic joint movement. This one-part, low odor, moisture cure product provides excellent weathering resistance, flexibility, very low VOC, through use of a silyl-terminated polyether (STPE) polymer. Upon curing, it is paintable with latex based paints. This product is fully compatible with waterproofing systems, air barrier, flashing, roofing.

Usage

- Building envelope sealant for self-adhered air barriers
- External joint sealant for waterproofing, air barrier and roofing systems,
- Alternative to silicone and moisture cure urethanes in above-grade construction applications
- Construction joints up to 25mm width, subject to dynamic joint movement of $\pm 35\%$

Characteristics / advantages

flexible elastomeric Sealant

Product Data

Appearance

black

Packaging

2 gallon bucket (7,6 l)
576 gr sausage

Storage

Zemseal® 925 Sealant has a shelf life of 12 months from date of manufacture when stored in original unopened container at or below 27°C. Containers should always be kept sealed when not in use.

Material Properties

Physical Property	Typical Value	Test Method
Color	Black	-
Application Temperature	-12°C to 43°C	-
Service Temperature, cured	-40°C to 82°C	-
Durometer Hardness	25 ±5 Shore A	ASTM D2240
Density	1,6 kg/l	-
Elongation, max	450 - 550%	ASTM D412
Dry Time	Initial Set: 60-90 min at 25°C Set Through: 24 hours	-
Tensile Strength	1-1,4 MPa	ASTM D412
VOC Content, max	5 g/l	EPA Method 24

Limitations

Limitations: Zemseal 925 Sealant may be installed when substrate and air temperatures are as low as -12°C. Application in temperatures between -12°C and -0°C may proceed only if the substrate is free of frost or ice. The product should not be applied in the rain or on wet surfaces; damp surfaces are acceptable. If frost or ice is present on the substrate, it must be warmed to a temperature above 0°C using hot air gun, heater, etc. to melt the frozen moisture. When installed in temperatures below 0°C, an extended curing time is expected. Prior to cold weather installation, Zemseal 925 Sealant should be stored at room temperatures above 20°C for a minimum of 24 hours, to improve application and tooling.

Disclaimer / Notes:

All technical data stated in this TDS are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Recommendations with regard to product application given in the present technical data sheet for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application. Please refer to the latest edition of this Technical Data Sheet on our web presence www.maxfrank.com