

Duraflex 200 – MS Sealant, Low modulus sealant

Duraflex 200 is a one component sealant, low modulus with high movement, non-sag and elastomeric. **Meets ASTM C-920**



Application area

For joints where precast concrete assembling

For joints or gaps connecting dissimilar substrates - e.g., vinyl to concrete, aluminum to EIFS.

Window Perimeter

Expansion joints

Curtain Wall construction, exception of glass curtain

For applications that require both paint ability and adhesion to non-porous substrates

Advantage

Medium skin time

Multi-substrate adhesion

Superior UV resistance and weathering

Can be over-painted soon after application.

Very low VOC

Non-staining

Packaging

Sausage 600 ml

Color

White, Grey, Black

Technical Data

Appearance	Pasty
Density at 20°C	1.57
Solid content	>99%
Sagging	None
Skin time at 23°C and 50% HR	40 min
Cure time at 23°C and 50% HR	2.0 – 3.0 mm/ 24h
Hardness Shore A (Cured) ASTM C661	25
Elongation rate ASTM D-412	>600%
Movement ASTM C719	± 50
Modulus at 100% elongation ASTM D-412	App. 30psi
Resistance to dilute acids and bases	Average
UV resistance	Excellent
Water and salt spray resistance	Excellent
Compatibility with paints	Water based: yes, Solvent based: carry out tests

Instructions

Substrate preparation:

The substrates must be clean, even, dry, free of dust, oil grease and any contaminants that could harm bonding.

If the substrates need to be cleaned, use MEK, acetone or other grease remover.

We recommend to clean concrete with a metal brush.

Apply a primer if necessary. Most of substrates could be bonded without primer.

If necessary, rub down metal surfaces beforehand. After rubbing down, the surface should be recleaned.

Allow the substrate to dry after degreasing.

Jointing

It may be applied by a manual or pneumatic gun, after application, use a putty knife to smooth the joint with soapy water. This product should be used within 24 hours of opening the cartridge protection; otherwise, the sealant could harden in the cartridge. Do not apply at a temperature under 0°C. In cold weather, store at 20°C before use. Avoid any contact with PU sealants.

Cleaning

Tools should be cleaned with MEK or acetone before the sealant has completely cured. After curing, abrasion is necessary.

Consumption

For a sausage of 600 ml

Tube(mm)	2	3	4	5	6	7	8	9	10
Length of cord(m)	195	85	48	30	22	16	12	8	6

Storage and shelf life

9 months in the original, hermetically sealed cartridges or sausages between 5 and 25°C

Safety

Not classified as hazardous. Read the material safety data sheet before use.

Remarks: The present data sheet deals with general information. It is necessary for the user to check beforehand the compatibility of the materials and the working techniques. Our products are of constant and superior quality and therefore can't be blamed for discrepancies due to their use or reaction that are of exclusive responsibility of the user. Our technical service is at the disposal of our clients for any additional information.