

EXPANSION JOINTS – Small Movements

GRANOR® DC-902-RCS Two Part Silicon Sealant

Applications

The GRANOR® “DC-902-RCS” Rapid Cure Silicone Joint Sealant is a self leveling, cold applied, rapid cure, two part sealant, applied through a special purpose twin barrel application gun – easy and quick to install, ultra low modulus, 100% silicone rubber sealant designed to seal expansion joints that experience both thermal opening and closing plus shrinkage, together with vertical movements due to traffic loadings. This rapid curing feature is achieved by its two part mix and thus not reliant on atmospheric moisture for the curing process. A primer is recommended.



Features

- Rapid cure – Will skin over within 30 to 60 minutes, and fully cured within a matter of hours.
- Easy to apply – Twin barrel pneumatically powered applicator gun.
- Convenient disposal pack – Simple ‘sausage’ packs.
- High Movement Capability – Extension to 100% - Compression 50%
- Seals into irregular surfaces – No tooling required.
- Ultra Low modulus.
- Fully elastic over a wide temperature range.
- Good weatherability.
- Wide temperature serviceability range.
- Bonds to itself.

Joint Width (mm)	Movement Rating (%)	Maximum Sealant Bead Thickness (mm)	Linear Yield 40oz Kit (metres)
25	+100 / -50	12	2.74
32	+100 / -50	12	2.29
38	+100 / -50	12	1.83
45	+100 / -50	12	1.52
50	+100 / -50	12	1.37
55	+100 / -50	12	1.35
60	+100 / -50	12	1.15
65	+100 / -50	12	1.00
70	+100 / -50	12	0.92
75	+100 / -50	12	0.77

Recommended Backing Rod Installation (Standard Joint)				
Joint Width (mm)	25	38	50	75
902RCS recessed Below Trafficked Surface	12	12	12	12
Sealant Thickness (mm) maximum	12	12	12	12
Backer Rod Outside dia. (mm)	32	50	75	90
Total Depth (mm) minimum	38	75	100	115

Please Note

GRANOR® “DC-902-RCS” Rapid Cure Silicone Joint Sealant should not be used with wet or dirty surfaces. Do not install in totally confined conditions, and it is not recommended for continuous water immersion.

Where there is a risk of the concrete joint edges spalling, DC-902-RCS is also available with polymer nosing as part of the Granor SSI “XJS expansion joint system”.