

## Concrete Admixtures, Adhesives & Aids

# EDECON JOINTSEAL

### DESCRIPTION

**Edecon JointSeal** is a one-part, cold-applied silicone material that readily extrudes over a wide temperature range and cures to produce a durable, flexible, low-modulus silicone-rubber joint sealant for use in concrete applications. **Edecon JointSeal** is especially effective for sealing transverse contraction and expansion joints, longitudinal, centerline and shoulder joints. **Edecon JointSeal** can be the original sealant in new concrete construction or a remedial or repair sealant in old construction.

### Specification:

### USES

### ADVANTAGES

- Easy to use, one-component, cold applied, ready-to-use; no mixing required.
- Consistency is relatively unchanged over normal installation temperature range.
- Primer is not required for bonding to concrete.
- Seals irregular surfaces provided adequate contact is made between sealant and substrate.
- Flexible - won't "pump" out of joints during compression or split, crack or lose adhesion during extension.
- Low modulus - stretches 100% in the joint with very little force.
- Resilient - prevents stones and other non-compressibles from entering the joint.
- Good weather ability - virtually unaffected by sunlight, rain, snow, ozone or temperature extremes.
- Fast cure - sealant will have a tack-free surface in one hour or less so that roads can be opened quickly.
- Cured sealant stays rubbery from -49°F to 300°F (-45°C to 149°C) without tearing, cracking or becoming brittle.

### TECHNICAL INFORMATION

**Edecon JointSeal** is non-sag allowing its use in vertical curb joints as well as horizontal joints. **Edecon JointSeal** is non-leveling and must be "tooled" to ensure good contact and adhesion and to control sealant depth providing a recessed surface.

### PHYSICAL CHARACTERISTICS

	pH	
	Specific Gravity	
	Weight per Gallon	
	Weight per Liter	
	Appearance	
	H <sub>2</sub> O Solubility	
	Odor	

### APPLICATION

A thin bead of silicone sealant will accommodate more movement than a thick bead. **Edecon JointSeal** should be no thicker than 1 in. (25.4 mm) and not thinner than 0.25 in. (6.3 mm); the sealant with-to-depth ratio should be 2:1. The sealant must be recessed below the pavement surface at least 0.375 in. (9.5 mm) with deeper recess being acceptable in wider joints. Consideration should also be given to other possible road-working operations, such as diamond grinding of the surface, which would require the sealant bead to be recessed even deeper.

**Edecon JointSeal** is a part of a system that must include the proper backer rod (expanded closed-cell polyethylene foam) and proper installation procedures. For irregularly shaped joints, open-cell backer rod with an impervious skin is recommended to ensure a tight fit.

### DOSAGE

No mixing required

**Edecon JointSeal** is not recommended for conditions where continuous water/moisture exposure is expected. It should not be applied in totally confined spaces where the sealant is not exposed to atmospheric moisture. **Edecon JointSeal** should never be applied to wet or damp concrete or during inclement weather.

### PACKAGING

All of our products are available in the following delivery container sizes:

- Sample Jug – 19 liter / ≈ 5 US gallon
- Sample Mini-drum – 57 liter / ≈ 15 gallon
- Drum/Barrel – 200 liter / ≈ 53 gallon volume in a 55 US gallon drum
- Transport Tote – 1,000 liter / ≈ 263 US gallon
- Various Sized Tankers – available for bulk volumes

**WARRANTY:** The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages

[www.edecon.net](http://www.edecon.net)

