



RJW 700 Sealant

Data Sheet

Basic Use

RJW Sealant 700 is designed for use with the Ped Seal System in pedestrian bridges, parking structures, stadiums, convention centers, and many other commercial structures

Product Description

RJW Sealant 700 is a fast setting, 100% solids, self-leveling, unfilled, two component, modified elastomer system. The product was developed for the construction industry for sealing bridge expansion joints, over backer rod, and a protective layer over foam joint seals. RJW Sealant 700 provides a flexible, durable, weather-tight sealant for many types of joints in some of the most adverse conditions.

Installation

For best results, sandblast substrates to receive the RJW Sealant 700 to remove all dust, oils, and debris prior to application. Concrete surfaces should cure 80% of the designed strength prior to application. Steel surfaces should be sandblasted to SSPC-10 near white finish. Surfaces must be clean and dry prior to application.

Use dual mixing and dispensing equipment supplied by the manufacturer or approved equivalent. Place mixed material per plans and specifications.

Surfaces must be clean and dry. Apply 1/8" to 1/4" thick over backer rod or Zed-Seal Joint Seals. When placed over Zed-Seal lightly sand the surface of the foam and remove loose dust. A talc powder may be applied to avoid the track if desired.

Features

- Solvent and chemical resistance
- Concrete Grey and colors available
- Easy to mix and use
- Usable from 45°F and increasing
- Weatherproof

Precautions

Protective gloves, clothes and splash resistant glasses recommended. Direct contact with skin should be avoided as it may cause skin irritation. Fatal if taken internally. Keep from open flame.

Shelf Life

One year in unopened packages from date of manufacture
Store between 60-95°F, Keep from freezing



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Test Properties	Value	Test Procedure
Tac Free Time	30-45 min. @ 77°F (25°C) @ 100 gr. Mass	
Skin-Over Time	7-12 min. @ 77°F (25°C)	
Gel Time	2-4 min. @ 77°F (25°C)	
Elongation (%)	>700	ASTM D638
Tensile Strength (PSI)	70 ± 20	ASTM D412
Tear Strength (lbf/in)	>20	ASTM D624
Shore 00 Hardness	70 - 75	ASTM D2240
Yield per Unit	1500 ml/Cartridge	90 cu. inches
Movement Range	± 50% of Gap	
Color	Light Gray	