Technical Data Sheet

SHOOLIN SEAL GG-100
Two component poly sulphide sealant

SHOOLIN®

DESCRIPTION
It is a high performance, non sag, chemical resistant elastomeric joint system. Due to its high polysulfide polymer content, it is resistant to many chemicals, shrinkage, aging, thermal stress and the effects of outdoor exposure. It is suitable for use within the construction industry on all parts where above average repeated movement is encountered over a wide temperature range

FEATURES / ADVANTAGES
- Expansion Joints in Buildings, Concrete panels, Potable water retaining structure
- Accommodates Continuous and pronounces cyclic movement (±25%)
- Adheres to most common substrates
- High resistance to ageing reduces physical damages due to climatic extremes
- Easy mixing and applications
- Non Slumping- can be used in wide joints up to 40 mm wide.
- Safer Non-Toxic hardener

APPLICATION INSTRUCTIONS
- Joint surface to be applied should be clean dry and free from loose material, dust oil or grease.
- Apply appropriate quantity of primer.
- Empty out the curing agent sachet in to the base in the can.
- Mix and use immediately one complete unit at a time.
- Use a slow speed drill machine / mixer fitted with a spiral stirrer and mix for 10 minutes.
- The product is ready to be used when you get a uniform smooth paste without any streak of grey or white colour.
- Install a backer rod in the joint to be applied with sealant. Pour or gun (with a conventional cauling gun) the mixed sealant in the prepared joint.
- Sealant will get leveled in the joint. Please refer detail Sealant Application Guideline.

STANDARD SPECIFICATION
SHOOLIN SEAL GG -100 Complies with requirement of. B.S 5212-1983.and IS- 9104

SERVICE LIFE & MAINTAINANCE

Anticipated life : 20 years +

Correctly applied, the sealant should not require maintenance. However, sealant that has become damaged can be replaced by cutting out the effected area, cleaning & priming the joint surfaces and applying fresh sealant as in the original manufacturer's specification.

HEALTH AND SAFETY

- The curing agent contains Manganese Dioxide. The base is labeled as "Irritant" and curing agent is labeled as "Harmful" For further information please refer to MSDS or contact Technical Service Department

TECHNICAL DATA

Form	: 2 component, paste
Colour	: Grey
Application life	: 2 hours @ 25°C
Initial cure	: 24 hours @25°C
Full cure	: 7 days @ 25°C
Application temperature	: 5 - 50°C
Density	: 1.65 gm/cc
Non volatile content	: > 97%
Operating temperature	: -30 to + 100 °C
Chemical resistance	: Resistance to most alkalies & dilute acids, petrol, diesel or jet fuel and many solvent and vegetable oils.
Flammability	: Flame and Fuel resistant as per BS specification
Service temperature	: -40oC to +80oC

PACKING

Available in 4 kg, 6.5 kg Container

STORAGE

Store in a cool dry place under shed away from heat.

SHELF LIFE

12 months from the date of production when stored properly in unopened undamaged and sealed original packaging in cool and dry condition at temperature +5°C to +30°C.