

ADVASEAL PS 200 GG

Two part Polysulphide Sealant

DATASHEET

DESCRIPTION

ADVASEAL PS 200 GG is a two component polysulphide based joint sealant for sealing movement & construction joints from 5mm (minimum) to 50mm (maximum) width in concrete, masonry, metal and many other substrates. It chemically cures to form a tough but flexible elastomeric seal, accommodating continuous cyclic movement of up to 25% of the joint width as a total movement, whilst giving excellent, weathering and chemical resistant properties. ADVASEAL PS 200 GG is supplied in pre weighed pack, ready for onsite mixing and use giving consistent properties and performance.

STANDARDS

Complies to BS 4254, ASTM C920 type M, grade P and NS, Class 25, T.

USES

ADVASEAL PS 200 GG is typically used for sealing horizontal & vertical movement joints in building & civil engineering structures such as;

- Bridge decks, highway & concrete pavements
- Water treatment structures / Reservoirs / Dams
- Airport runways & apron pavements
- Metal & Concrete sea walls
- Parapet walls / Basements & Super Structures
- Sealing of roof flashing, penetrations & terminations

APPLICATION INSTRUCTIONS

JOINT PREPARATION

The surface must be thoroughly dry, clean and moisture free. Remove all dust and laitance by rigorous wire brushing, grinding or grit blasting. Remove all rust, scale and protective lacquers from metal surfaces and any oil or grease. Any expansion joint filler must be checked to ensure it is tightly packed and no gaps or voids exist at the base of the sealing slot before positioning a bond breaker.

NOTE:

The use of bond breaker is not required in expansion joints containing filler boards or cellular polyethylene expansion joint fillers. For constructions or contraction joints a bond breaker tape or back-up strip should be used. Where hydrostatic pressure exists, only bond breaking tapes must be used, not foamed back-up strips. Where a particularly neat finish is required, mask the face edges of the joint before priming and remove immediately after tooling is completed.

PRIMING

Primer shall be applied to a clean and dry surface prior to the installation of backer rod or bond breaking tape. ADVAPRIME PS is recommended to be applied on porous substrates.

MIXING

ADVASEAL PS 200 GG is available in a ready to mix container, with all the components packed in a single tin. The material shall be mixed thoroughly with a slow speed drill (300-400 rpm) fitted with a flat bladed paddle for 2-3 minutes till a uniform colour and consistency is achieved.

DO NOT PART MIX. Since the base and the curing agent ratio controls the ultimate physical properties like adhesion, durability and strength, one complete kit has to be mixed at a time.

APPLICATION

Carefully empty the contents of the mixed product into a solid barrel gun, by screwing both the end cap and plunger mechanism and manually filling the empty barrel. Once the barrel is full, screw the end cap and plunger back on and apply by squeezing the trigger to discharge the mixed material into the prepared joint, ensuring good contact with the joint faces.

CLEANING

Clean tools and equipment immediately after use with suitable thinner.

HEALTH & SAFETY

Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

PACKING

2.5 Ltr tin

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TECHNICAL SPECIFICATIONS

Appearance	Smooth Paste
Colour Mixed	Dark Grey
Pot Life @ 30°C	>60 minutes
Initial Set Time @ 30°C	24 hours
Full Cure	7 days
Application Temp	15°C to 50°C
Service Temp	Up to 60°C
Shore A hardness, Units	
Gun Grade	>20
Pouring Grade	>15
Solid Content	100%
Density	1.60 approx
Chemical Resistance	Resistance to mineral oils, vegetable oils, dilute acids and alkalis, diesel, lube oils, Jet A1

The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions etc.



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