



EmO Seal PS 600

Multi-component, Gun Grade, Polysulphide Sealant

Uses

Sealing movement joints in building and civil engineering structures, including super structures, reservoirs, floors, basements and subways

Advantages

- Forms a tough, elastic rubber – like seal
- Excellent adhesion
- Accommodates continuous and cyclic movement
- Suitable for wide joints
- High resistance to ageing
- Excellent adhesion to most substrates

Description

EmO Seal PS 600 is a two component gun grade polysulphide joint sealant. The mixed sealant cures to form a tough, rubber like seal. The cured sealant exhibits excellent adhesion to most surfaces including primed concrete, glass, aluminium and stainless steel.

It is packed in a ready to mix, 4 litre tin containing the base and curing agent in the correct proportions. It is available in grey colour only. It is suitable for brick works, retaining walls, reservoirs, subways and basements.

Standard compliance

BS 4254:1983

BS 6920: 1988

ASTM-C 920-87, TYPE M, CLASS 25

Properties

Movement Accommodation

Factor (BS 6093) : 25 % butt joints
 50% lap joints

Pot Life : 2 hours @ 25^oc
 1 hour @ 35^oc

Setting Time : 36 hours @ 15^oc
 20 hours @ 25^oc
 15 hours @ 35^oc

Application Temperature: 5 to 50^oc

Shore 'A' Hardness @ 25^oc: 15 to 23

Solids Content : 100%

Density : 1.6 to 1.75 kg/litre

Flash Point : > 65^oc

Biological Resistance : Resistance to
 aerobic conditions

Flammability : Does not support
 combustion



Chemical Resistance (Spillages)

Dilute Acids	:	Resistant
Dilute Alkalis	:	Resistant
Petrol	:	Resistant
Skydrol	:	Resistant
Diesel	:	Resistant
Aviation Fuel	:	Resistant
Kerosene	:	Resistant
Lubricating Oils	:	Resistant
Chlorinated Solvents	:	Not Resistant
Aromatic Solvents	:	Not Resistant

Instruction for use

Joint surface must be free clean, dry and free from laitance dust or any other foreign matters.

Priming

Priming is required for all the joints using EmO Seal PS Primer- A two part polysulphide primer.

Mixing

The components of EmO Seal PS 600 are supplied in the correct mixing ratio in a single tin. Mix thoroughly for three minutes using a slow speed drill. Immediately after mixing, load the sealant into a sealant gun and apply to the joint.

Finishing

EmO Seal PS 600 should be tooled to a smooth finish. A minimum of surface lubricant such as a dilute detergent solution may be

used to assist the process. Any masking tape should be removed immediately after tooling.

Cleaning

Clean tools immediately after use with ELMIERE SOLVENT NO: 1

Limitations

EmO Seal PS 600 should not be used for highly chlorinated water.

Sealants should not be over-coated with any type of paints.

It should not come in direct contact with Bitumen or Pitch

Supply

EmO Seal PS 600	-	4 LTR
EmO Seal PS Primer	-	1 LTR

Coverage

EmO Seal PS 600 (Chart Available on Request)

EmO Seal PS Primer	-	50m ² / LTR
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Storage

6 months in original unopened containers stored in cool dry conditions. At any time temperature should not exceed 25⁰c.

Fire

EmO Seal PS 600 does not readily support flame. Store away from heat and sources of static charges. Do not smoke or use near naked flames. In the event of fire, extinguish with CO2 or form. Do not use a water jet.



Health & Safety

Precautions

EmO Seal PS 600 should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting. EmO Seal PS 600 curing agent consists of a heavy metal based oxide. Cured sealant should not be burned off due to the generation of toxic fumes. Empty containers must be collected for careful disposal.

Important note

ELMRR endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as ELMRR has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all ELMRR technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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