Product Data Sheet Edition 17/08/2007 Identification no: 00 00 00 000 0 000000 Sika[®] Polysulphide

Sika[®] Polysulphide

Two component polysulphide sealant

Product Description	Sika $^{\ensuremath{\$}}$ Polysulphide is a cross linking polysulphide based elastic sealant for vertical and horizontal expansion joints.
Uses	It is used in both vertical and horizontal expansion joints in many types of buildings and civil engineering constructions such as : Retaining walls
	Underpasses and tunnels
	Precast concrete elements
	Bridges
	High and low rise buildings and
	Wherever a permanently flexible seal is required
Characteristics /	Easy to use
Advantages	Economical
	Excellent adhesion with many materials
	Non- sag in vertical and overhead joints
	Good chemical resistance
	Permanently elastic
Tests	
Approval / Standards	Confirms to : BS 4254 – 1983
	Confirms to : BS 5212 - 1990
	Confirms to : IS 12118 (part 1 & 2) – 1987 Confirms to : ASTM C – 920 – 1987 Type M Grade NS Class 25
Product Data	
Form	
Appearance/Colour	grev .paste

Appearance/Colour	grey ,paste
Packaging	6 kg (Component A = 4 Kg, Component B = 2 kg)
Pot Life	2 hours at 27°C

Storage

Storage Conditions / Shelf-Life	6 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.
	+5 C to +30 C.



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suitable repair mortar (Consult Sika Technical services). Correct joint dependence suitable repair mortar (Consult Sika Technical services). Correct joint dependence suitable by inserting polyethylene based Sika® Backer Material tightly i joint. When the joints have been filled with fibre filled board, this must be reback to the required depth.Use bond breaker tape over the backer materia surfaces with masking tape. Priming Sika®-80 Primer should be used as a primer only on the two sides. wait for Application Conditions / Limitations Substrate Temperature +10°C min. / +40°C max. Ambient Temperature +10°C min. / +40°C max. Material Temperature +10°C min. / +40°C max. Substrate Moisture Dry joint with sound concrete edges. For joints under wet conditions, use S Primer Application Mixing Part A : Part B = 92 : 8 (by weight)		
Density ~1.62 kg/l Mechanical / Physical Properties Minimum Joint Depth - 8 mm Maximum Joint Depth - 40 mm* *(Under special conditions, up to 50mm. Please consult Sika [®] technical st Width: Depth ratio For joints from 10 mm to 40 mm, width : Depth = 2 : 1 Curing Time 24 hours Shore-A hardness > 20 (7 days) Movement capacity 25% of average joint width Plastic Flow (not more than 2 mm) Nil Resistance to Fuel Immersion (change in mass in % after fuel Immersion 22°C, should not be greater than 4mm) 0.8% decrease Service temperature 0°C to + 90°C Application Details O'C to + 90°C Substrate Quality All surfaces must be clean, dry and free from any loosely adhering particle suitable regime mortar (Consult Sika Technical services.) Correct joint dip virates with masking tape. Priming Sika [®] .80 Primer should be used as a primer only on the two sides. wait for back to the required depth. Use bond breaker tape over the backer materia surfaces with masking tape. Priming Sika [®] .80 Primer should be used as a primer only on the two sides. wait for Dry joint with sound concrete edges. For joints under wet conditions, use S primer Application Conditions / Limitations Dry joint with sound concrete edges. For joints under wet conditions, use S Primer Application Content Dry joint with sound concrete edges. For joints under	Technical Data	
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Content Primer Application Instructions Part A : Part B = 92 : 8 (by weight)	Material Temperature	+10°C min. / +40°C max.
Instructions Mixing Part A : Part B = 92 : 8 (by weight)		Dry joint with sound concrete edges. For joints under wet conditions, use Sika [®] -80 Primer
Mixing Time The two components are mixed in the ratio Comp Comp B = 92 : 8 by weight with a low speed mixed	Mixing	Part A : Part B = 92 : 8 (by weight)
600 rpm). Mix for approximately 8 - 10 minutes us smooth, even consistency is achieved.	Mixing Time	The two components are mixed in the ratio Comp. A : Comp B = 92 : 8 by weight with a low speed mixer (400 - 600 rpm). Mix for approximately 8 - 10 minutes until a smooth, even consistency is achieved.

Application Method / Tools	Where required, protect the surface with masking tape. Install the sealant into the joint without trapping air. Tool-off with a spatula to lightly concave profile. Remove masking tape.
Cleaning of Tools	Clean all tools and application equipment with Sika [®] Colma Cleaner immediately after use. Hardened / cured material can only be mechanically removed.
Notes on Application / Limitations	Do not use in contact with drinking water or food. Gun grade Sika [®] Polysulphide is gun-applied - 2 part polysulphide sealant which is used both for horizontal and vertical joints. Pourable grade Sika [®] Polysulphide is used only in case of horizontal joints.
Value Base	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Legal Notes	The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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