

TECHNICAL DATA SHEET NO: SIKA4RAP

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VERSION: 1-12/12/14 PRINT DATE: 1/9/2015

## **SIKA-4 RAPID SETTING**



Colour	Product Code	Pack Size	Box Qty
Brown	SK4RAP5	5ltr	4

## **Product Description**

**Sika®-4 Rapid Setting** is used to aid the quick setting of cement based renders and concretes where low water pressure or slow moving water exists.

**Sika®-4 Rapid Setting** is a ready to use quick setting leak stopping liquid which is mixed with water and ordinary portland cement to produce a paste for leak stopping against **low** water pressure infiltration.

## **Benefits**

- Ready to use.
- Quick setting
- Prevents cement wash out.
- Does not contain chlorides
- Excellent resistance to backwater pressure.

### **Areas for Use**

- Rendering or concreting against low water pressures.
- For rendering or concreting in wet areas.
- Leak stopping against low water pressure infiltration.

### **Limitations**

- Where high water pressures are experienced, use Sika®-4a Waterstop.
- Setting times will be affected by ambient temperature, water and Sika®-4 temperature, supplier
  and age of ordinary Portland cement. Trials are recommended varying the Sika®-4/Water dosage,
  temperature and type of ordinary Portland cement until the required performance is achieved.
- Use only fresh ordinary Portland cement.
- Wear suitable protective clothing, gloves and eye protection.

## **Surface Preparation**

Prepare surfaces by removing all loose material, dirt, moss and contaminants. Mechanically roughen surfaces to provide a key.





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### **Application**

Renders – Dilute **Sika-4 Rapid Setting** with clean water according to setting speed required for the application and water pressure/movement. Trials are always recommended.

Concrete – The concreting installation should be arranged to suit rapid placing. The concrete mix should contain a minimum of 400kg cement per cubic metre.

# **Specific Data**

TEST	RESULT	
Appearance	Brown liquid	
SG @ 20°C	1.22-1.26g/cm³ (approx.)	
Consumption	1 part Sika 4 to 3-6 parts clean water	
Solids Content	28.0-29.0%	
Application Temperature	+5°C min +35°C max	

### **Health & Safety**

Consult MSDS for full list of hazards.

#### **Storage**

Protect Sika-4 Rapid Setting from frost and store between 5°C and 20°C

#### **Shelf Life**

12 months from date of manufacture when stored according to manufacturer's instructions.

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