

## SIKA-2 WATER PLUG



Colour	Product Code	Pack Size	Box Qty
Red	SK2PLUG5	5ltr	4

### Product Description

**Sika®-2 Water Plug** is used for the immediate sealing of severe water leaks in tunnels, subways, basements, inspection pits, vaults etc. before coating with a proprietary waterproofing system.

Used as plug for penetrating water, **Sika®-2** is a ready to use rapid setting leak stopping liquid which is mixed with ordinary Portland cement to produce a paste for rapid sealing against high water pressure infiltration.

### Benefits

- Does not require diluting
- Rapid setting time
- Just add ordinary Portland cement
- Well proven
- Does not contain chlorides

### Areas for Use

- Basements and cellars.
- Concrete, rock and masonry.
- Vaults and tunnels.

### Limitations

- Where high water pressures are experienced, the prepared area around the discharge tubes may need to be increased to provide a larger surface area for bonding the **Sika®-2** paste.
- Setting times will be affected by ambient temperature, water and **Sika®-2** temperature, supplier and age of ordinary Portland cement. Trials are recommended varying the **Sika®-2** 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.
- **Sika®-2** plugs must always be over-coated with a final waterproof layer.
- Do not dilute.

### Surface Preparation

At the location of infiltration, remove all loosely adhering particles, algal growth contaminants etc. by localised scabbling, needle gunning etc. to roughen and clean substrate. Control leakage if required by

diverting water to selected discharge points formed of short lengths of plastic or rubber tube set into the substrate. Pre-drill holes to accept tubes.

### Application

Use 1 part **Sika®-2** to 2 parts OPC by volume. Do not mix more product than can be placed immediately. Pour Sika-2 liquid into the mixing the mixing container and add OPC. Mix quickly to a paste. Mould the **Sika®-2** paste by gloved hand into a plug and place immediately into the hole, pressing firmly until the mix has set (15 - 20 secs). Continue as required until entire leak has been plugged.

When the water flow has been controlled through the discharge points apply the **Sika®-1** structural waterproofing render layers up to the discharge tubes. Note: Do not apply final layer of render until discharge tubes have been removed and water infiltration has stopped.

### Specific Data

TEST	RESULT
Appearance	Red liquid
SG @ 20°C	1.2-1.3g/cm <sup>3</sup> (approx.)
Consumption	0.7Ltrs per kg of cement.
pH	11.4 – 13.4
Solids Content	28.5-30.5

### Health & Safety

Consult MSDS for full list of hazards.

### Storage

Protect **Sika®-2 Water Plug** 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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