



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Sikaprufe Data Sheet

Specification notes

Product: **Sikaprufe**

Supplier:

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Sika® Prufe

Liquid damp-proof membrane

DESCRIPTION

Sika® Prufe is a dark brown, rubberbitumen emulsion. When dry, it forms an odourless and taint free, black, flexible coating.

USES

Sika® Prufe provides a highly efficient cold-applied, damp-proof membrane in sandwich constructions and can also be used as a waterproofer for floors, walls and other above ground structures. Sika® Prufe acts as a curing membrane when applied to green concrete.

PREPARATION

Ensure the surface is structurally sound, clean, dry and free from surface contaminants such as grease, rust and dirt.

If necessary remove any organic growth i.e. moss or lichen with SikaGard® 715W Moss and Algae Remover.

To obtain adequate adhesion it is important that sub-floors, especially porous ones, are first primed with 1 part Sika® Prufe diluted with 6 parts clean, cold water. Brush well into the surface and allow to dry.

To use Sika® Prufe as a sandwich damp-proof membrane the base concrete should be finished off with a wood float to give a smooth surface. Tamped surfaces are not suitable for this application due to the difficulty in coating uneven areas. prime concrete as above, before applying the undiluted Sika® Prufe.

APPLICATION

STIR WELL BEFORE USE.

Damp-proofing Floors:

A minimum of 2 coats of Sika® Prufe is required. Apply by brush using 0.8 litre per m² continuing the treatment up the walls to join the existing damp-proof course. Allow the first coat to dry, and apply the second at a right angle to the first. When dry, lay a sand/cement or concrete screed of approximately 50mm thickness over the Sika® Prufe membrane.

Waterproofing Walls:

Treat rising damp with the insertion or repair of a damp-proof course. Where dampness is due to penetration of the wall, proceed as follows:

Exterior Walls: Level uneven surfaces including brickwork, with an appropriate quality cement mortar. Apply 3 coats of Sika® Prufe with a soft bristled brush using 0.5 litre per m² allowing each coat to dry before applying the next. Allow the final coat to become tacky and blend with clean, sharp sand.

Interior Walls (moderately damp): Remove wallpaper, loose emulsion or gloss paint and any dust or grease from the surface. Make good any damaged or perished plaster. Lightly dampen the prepared surface with clean water and apply 3 coats of Sika® Prufe with a soft bristled brush. Apply each coat at a rate of 0.5 litre per m² allowing each coat to dry before applying the next. At the top of the wall leave a horizontal strip (approx. 300mm in depth) uncoated to allow trapped moisture to escape by evaporation.

Interior Walls (very damp): Wherever possible very damp walls should be treated with the Sika-1® Structural Waterproofing System.

See separate data available from our Technical Services. If this is not possible the following procedure may be of benefit, however only the Sika-1® Structural Waterproofing System will cure the most severe conditions. Old plaster must be hacked away to the brickwork and damaged joints or brickwork repaired with cement mortar for an even surface. When the mortar has set, apply 3 coats of Sika® Prufe each at the rate of 0.5 litre per m² allowing complete drying between coats. Replastering is recommended when the final coat has thoroughly dried.

Decorating

Gloss Paints: Gloss paints and other oil or alkyd based materials must not be used over a surface treated with Sika® Prufe.

Emulsion Paints: Where Sika® Prufe has been used over plaster, it is recommended that a lining paper is fixed with cellulose paste providing a suitable surface for emulsion paints.

Wallpaper: Prior to paper hanging, cover the treated surface with lining paper fixed with cellulose paste. It is not recommended that vinyl coated papers or paper-backed vinyls are used over Sika® Prufe.

KEYING TREATMENT

Where a keyed surface requires plastering, such as glazed tiles, gloss painted walls and bricks or for bonding sand/cement renders, apply two coats of Sika® Prufe, each at the rate of 0.25 litre per m². Allow the first coat to dry and blind the second coat while wet with clean, dry, sharp sand. Leave to dry for at least 48 hours before plastering or rendering with a minimum total thickness of at least 6mm.

Note: if gloss or other alkyd based paints are to be used as a decorative finish, use two coats of plaster at a minimum thickness of 15mm over the Sika® Prufe.

CLEANING AND STORAGE

Tools should be cleaned immediately after use with clean water. During work place tools in water when not in use.

12 months under good storage conditions in original unopened containers, and stored under cover at a temperature between 5°C and 35°C.

Store out of direct sunlight.

PROTECT FROM FROST.

SAFE HANDLING PRECAUTIONS

Skin Contact: Occasional contact is unlikely to have an adverse effect

except on particularly sensitive skin.

As a general precaution avoid

repeated or prolonged contact.

Remove skin contamination when wet

with water. Use a proprietary hand

cleaner if the product has dried.

Eye Contact: Unlikely to cause

damage no special precautions are

necessary. However as eyes are a

sensitive area, contact should be

avoided. In the event of accidental

contact irrigate immediately with plenty

of cold water and seek medical

attention if discomfort persists.



Sika® Limited

Watchmead, Welwyn Garden City,

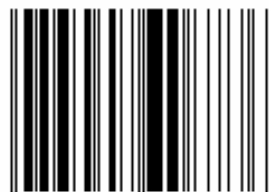
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5 litres