

PRODUCT DATA SHEET

ECO SYSTEMS® PREP "N" PRIME

A WATER BASED FLEXIBLE PRIMER FOR NON POROUS SUBSTRATES

DESCRIPTION

ECO SYSTEMS® PREP "N" PRIME is a unique flexible water based primer specifically designed with advanced adhesion properties for use on existing tiles, smooth and non porous surfaces, including puddle flanges and pipe penetrations.

USES

ECO SYSTEMS® PREP "N" PRIME is suitable for the priming of non porous substrates and difficult to adhere to substrates prior to the application of Ceramic tile, Porcelain, Stone and other Sika coatings. ECO SYSTEMS® PREP "N" PRIME is designed to bond to PVC pipe penetrations & puddle flanges, and metal floor drains / wastes. ECO SYSTEMS® PREP "N" PRIME can be used both internally and externally.

CHARACTERISTICS / ADVANTAGES

ECO SYSTEMS® PREP "N" PRIME enables the ability to tile over difficult, non porous surfaces without the need for mechanical surface preparation. Fast drying formulation allows for installation of tiles 1 hour after application.

- No Mixing - single component.
- No wastage.
- Low VOC
- Non flammable and non hazardous
- Internal/ External applications
- Easy application with brush or roller
- Dries to a keyed finish
- Excellent alternative to mechanical grinding and acid etching surfaces

PRODUCT INFORMATION

Packaging	1 Ltr , 4 Ltr and 10 Ltr Pails
Appearance / Colour	Blue Liquid
Shelf life	12 Months from date of manufacture
Storage conditions	Store in dry cool conditions out of direct sunlight. Do not allow to freeze.

APPLICATION INFORMATION

Substrates

- Priming of pipe penetrations, puddle flanges and drain grates manufactured from zincalume, stainless steel, copper, brass and metals
 - Priming over glazed tiles
 - Priming over vinyl tiles (non cushion backed) and laminates (dry areas only)
 - Priming over PVC puddle flanges and pipe connections
 - Priming of Sikalastic Moisture Seal
 - Priming of general non-porous and shiny/glossy surfaces* (dry areas only)
- *conduct bond test prior to tiling application

Consumption

8-10m² per litre depending on surface porosity and finish

Waiting time to overcoating

Application	Wait Time
Primer over existing tiles Matt Finish	1+ hr
Primer over glossy tiles	5+ hrs
Priming prior to waterproofing	3+ hrs
Primer over non porous substrates and puddle flanges	1+ hr

** Values determined at laboratory conditions: 23°C & 50% RH. Site conditions will vary wait times.*

Higher temperatures with reduce times and cool temperatures with extend times.

High Humidity will slow drying of primer.

Allow the product to dry and harden prior to tiling application.

BASIS OF PRODUCT DATA

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.

IMPORTANT CONSIDERATIONS

- Metal floor grates and drains shall be lightly abraded prior to application of Prep n Prime.
- ECO SYSTEMS™ ECO PREP 'N' PRIME is not suitable for solvent based finishes.
- When using externally or in wet areas appropriate falls to waste are required.
- ECO SYSTEMS™ ECO PREP 'N' PRIME is not suitable for continuous water immersion applications, eg : swimming pools and spas etc.
- ECO SYSTEMS™ ECO PREP 'N' PRIME is not suitable over waterproofing membranes unless Sika approved, seek further technical advice.
- ECO SYSTEMS™ ECO PREP 'N' PRIME is not suitable as a primer for solvent based polyurethane membranes.
- Do not apply onto wet or damp substrates.
- Do not dilute.
- Do not use as a waterproofing membrane or on areas of negative hydrostatic pressure.
- When using over existing tiles ensure the tile are sound and bonded well to the substrate.
- Do not apply in temperatures below 5°C and above 35°C and under hot and windy conditions.
- ECO SYSTEMS® PREP "N" PRIME maybe be used over water based epoxy coatings, ensure coating are lightly sanded prior to application.
- If using as a primer for waterproofing ensure primer has completely dry prior to application of the waterproof membrane.
- Not Suitable for use over polished porcelain tile that have sealers.
- Test product to ensure fully dry prior to application of subsequent membranes and coatings

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other

safety related data.

APPLICATION INSTRUCTIONS

ECO SYSTEMS® PREP "N" PRIME should be stirred before use. ECO SYSTEMS® PREP "N" PRIME may be applied to vertical, horizontal surfaces using a roller, or brush. When using over existing cut back carpet and vinyl adhesive surfaces, it is recommended a sample test be done to ensure adequate adhesion.

EQUIPMENT

- Personal protective equipment
- Brush or paint roller

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces must be clean, dry, free from dust, grease, wax, oil, laitance, curing compounds, release agents, sealers, coatings, friable material and all other contaminants likely to prevent the ECO SYSTEMS® PREP "N" PRIME from bonding. All substrates surfaces must be secure and continuous, all voids and gaps must be filled. Ensure all metal surfaces are free from rust and oxidation film.

MIXING

Primer comes premixed however stirring is recommended prior to use.

APPLICATION

Apply one coat of ECO SYSTEMS® PREP "N" PRIME by brush or roller.

CLEANING OF EQUIPMENT

Clean equipment with water while the product is still wet.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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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Product Data Sheet

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