

## PRODUCT DESCRIPTION

**NP1 Shower Cabin** is a one-component, low modulus, neutral curing adhesive and insulation material that provides excellent adhesion to the applied surface. Curing with moisture in the air, NP1 Shower Cabin is designed to be suitable for all types of wet floor applications and is long-lasting, moisture and mold resistant. It provides strong adhesion to non-porous surfaces such as tiles, ceramics, glass and aluminium, as well as to alkaline surfaces such as concrete and mortars.

## CHARACTERISTICS

- ✓ Suitable for wet floor application, sanitary.
- ✓ No damage by water contact.
- ✓ Odorless, neutral.
- ✓ Does not flow/sag.
- ✓ Long lasting, does not crack, no discoloration.
- ✓ UV resistant, resistant to aging.
- ✓ No volume loss and bubble formation.
- ✓ Extremely strong and permanent elastic.
- ✓ Does not cause any corrosion on metals.
- ✓ Resistant at low (-40°C) and high (+180°C) temperatures.

## Technical Specifications

Chemical Base	: Alkoxy
Curing Mechanism	: Cures with moisture in the air
Components	: One component
Skin Formation Time (minutes, 23°C / 50% R.H)	: 25min.
Curing Rate (23°C / 50% R.H)	: 2.00-3.00 mm / 24 hours
Density (g/cm <sup>3</sup> )	: 1.00 ± 0.02
Shore A Hardness (DIN 53505)	: 25 ± 2
%100 Elongation Modulus (DIN 53504)	: 0.40 N/mm <sup>2</sup>
Elongation at Break (DIN 53504)	: > 500%
Modulus at Break (DIN 53504)	: 1.50 N/mm <sup>2</sup>
Application Temperature (°C)	: (+5) – (+35)
Temperature Resistance (°C)	: (-40) – (+180)

*\*Technical information are approximate values at +23°C and 50% relative humidity.*

## USAGE AREAS

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- ✓ On all wet floors such as bathrooms and kitchens,
- ✓ At joints of tiles, waterproofing,
- ✓ Insulation around shower cabin, bathtub, sink etc.

## SURFACE PREPARATION and APPLICATION

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### Surface Preparation

- All surfaces to be applied must be clean, dry, and free from oil and dust.
- ethanol can be used to remove oil and dirt from the application surface. The solvent used should be cleaned from the surface with a dry and clean cloth.
- The application temperature should be between +5°C and +35°C.
- Before application, adhesion with the materials to be joined should be tested in a small area.

### Application Method

- NP1 Shower Cabin is suitable for use with manual or air pressure gun. It can be applied with MayGun cartridge guns.
- Cut the tapered end of the nozzle at a 45° angle to a width that suits the gap to be closed, insert the cartridge into the gun. Squeeze it slowly ensuring it fully contacts the surface you will apply.
- The materials should be brought together within the skin formation time, which may vary depending on the ambient temperature and humidity.
- Uncured products have spread around that can be cleaned with alcohol or thinner.

## CLEANING

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- Clean all tools and application equipment immediately after using. Uncured product residues can be cleaned with alcohol or thinner.
- Once the product has fully cured, it can only be removed mechanically.

## APPLICATION CONDITIONS / LIMITATIONS

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- NP1 Shower Cabin product cannot be painted.
- Since the product requires moisture to complete its cure, it should not be used in completely closed areas.
- PE, PP, PA and Teflon bonding, adhesion and compatibility with plastic materials should be tested.
- Proper ventilation is important during application and curing.
- Opened cartridges should be consumed as quickly as possible.

**Technical Data Sheet**

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NP 1® Shower Cabin

Elastic

# NP 1® Shower Cabin

## PACKAGING & STORAGE

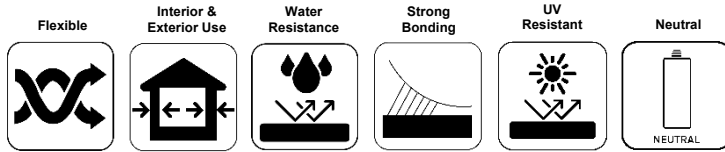
**Shelf Life:** 18 months from the date of production if stored in original, unopened, undamaged packages.

**Storage Conditions:** Should be stored in a dry, cool environment at temperatures between +5°C and +25°C, in the original, unopened, and undamaged packaging.

<u>Packaging</u>	<u>Size</u>	<u>Quantity in Box</u>
NP 1 Shower Cabin Cartridge	290 mL	25

## HEALTH AND SAFETY INFORMATION

Refer to the Safety Data Sheet for all health and safety instructions, including information on storage and disposal. These documents are provided by the manufacturer upon request.



### Disclaimer

This technical information document supersedes all previous technical documents, statements, and label information. All recommendations, values, and safety information in this document are based on thorough research and the latest laboratory reports. Due to the variety of materials, application types, and conditions, we are not able to control or assume responsibility for the correct application of our products. Users should ensure that the product is suitable for their specific applications before use. Our general sales conditions apply. **YOLDAŞ ENDÜSTRİ** reserves the right to make changes to the products without prior notice.