

## Acqua Primer NP

Two-component, water-based epoxy primer  
*Ideal for Neoproof® Polyurea waterproofing systems*



### Description

Two-component water-based epoxy primer, ideal for construction surfaces prior to the application of **Neoproof® Polyurea** waterproofing systems.  
Classified as SR-B2,0 according to EN 13813.

### Fields of application

On cementitious surfaces where **Neoproof® Polyurea** systems are to be applied.  
Suitable also for substrate of PU foam, mineral bitumen membranes, etc..



### Properties - Advantages

- Excellent adhesion on cementitious substrates
- Creates a chemical bond with **Neoproof® Polyurea** coatings, contributing to the long-lasting durability of the waterproofing system
- May be applied on substrates with increased humidity (e.g. cementitious substrates with humidity up to 6%, without rising moisture)
- Ideal for stabilization and sealing of cementitious and other highly porous substrate

### Packing

Set (A+B) of 14kg & 7kg

### Colour

Light grey

### Certificates – Test reports

- Part of the certified **Neoproof® Polyurea** system according to the Guideline for European Technical Approval ETAG 005 (Liquid Applied Roof Waterproofing Kits)  
*European Technical Assessment ETA 18/0563 by the accredited body of technical assessment KIWA Nederland B.V. (member of EOTA)*
- CE certification acc. to EN 13813  
*Classified as SR-B2,0*
- Test report by the external independent quality control laboratory Geoterra (No. 2021/483\_7)
- Complies with the V.O.C. content requirements acc. to the E.U. Directive 2004/42/CE



### Technical characteristics

Mixing ratio A:B (by weight)	100:40
Density (EN ISO 2811-1)	1,15kg/L (±0,05)
Adhesion strength (EN 13892-8)	≥3N/mm <sup>2</sup>
<b>Consumption: 120-160gr/m<sup>2</sup> for one layer (depending on the absorptivity of the substrate)</b>	

### Application conditions

Substrate moisture content	<6%
Relative air humidity (RH)	<70%
Application temperature (ambient - substrate)	+12°C min. / +35°C max.

### Curing details

Pot life (+25°C, RH 50%)	1 hour
Drying time (+25°C, RH 50%)	7 hours
Dry to recoat - overcoat (+25°C, RH 50%)	24 hours
Full hardening	~ 7 days
<i>* Low temperatures and high humidity during application and/or curing prolong the above times, while high temperatures reduce them</i>	

## Instructions for use

#### **Substrate preparation**

The surface must be stable, clean, dry, protected from rising moisture and free of dust, oil, grease and loose materials. Any poorly adhering materials and older coatings should be removed, and the surface should be thoroughly cleaned mechanically or chemically. Depending on the substrate, appropriate mechanical preparation may be required, to smooth the irregularities, open the pores and create the optimum conditions for adhesion. The surfaces should be sufficiently flat, smooth, and continuous (i.e., without holes, cracks, bays, etc.). In the opposite case, they should be treated accordingly (e.g. by proper puttying).

#### **Application**

The two components A & B are mixed in the predetermined ratio and, after the addition of 25-30% w/w of clean water, they are stirred for app. 2-3 minutes with a low-speed electric stirrer, until the mixtures become homogenous. The surface is then covered in one layer by roller, brush, or airless spray. In case of increased substrate porosity, an additional layer may be required.


## Special notes

- **Acqua Primer NP** should not be applied under wet conditions, or if wet conditions are expected to prevail during the application or the curing period of the product.



- The components should not have been stored at very low or very high temperatures, especially before mixing. Mixing and stirring of the mixture should be preferably done in the shade. The stirring of the mixture must be done mechanically and not manually with a rod, etc.
- Excessive stirring of the material should be avoided, in order to mitigate the risk of air entrapment. After stirring the mixture, it is recommended to apply the material shortly in order to avoid the development of high temperatures and potential hardening inside the can
- Substrate temperature during application and curing must be at least 3°C above dew point to avoid any condensation issues
- Due to the nature of the material, the direct and constant exposure of the final coating to UV radiation may cause the phenomenon of chalking over time
- In case that an extended period of time (>36 hours) has passed between successive layers, it is recommended to lightly sand the surface of the previous layer, in order to avoid possible adhesion problems of the next layer

<b>Colour</b>	Light grey
<b>Packing</b>	Set (A+B) of 14kg and 7kg in plastic pails
<b>Cleaning of tools – Stains removal</b>	By water immediately after the application. In case of hardened stains, by mechanical means only.
<b>Volatile organic compounds (V.O.C.)</b>	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AjWB: 140g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <140g/l
<b>UFI code</b>	<i>Component A:</i> 8QG0-V0K1-X00Q-VJDW <i>Component B:</i> NF00-S0QD-E00M-4SPE
<b>Storage stability</b>	2 years, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation.

	
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DoP No.: 4950-76	
<b>EN 13813 SR-B2,0</b>	
<b>Acqua Primer NP</b> Synthetic resin primer	
Release of corrosive substances	SR
Impact resistance	NPD
Bond strength	B2,0
Abrasion resistance	NPD
Reaction to fire	NPD

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA. It is offered as a service to designers and contractors to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

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