NLX 714 AQUA PRIM
TWO-COMPONENT, WATER-BASED, EPOXY PRIMER

SR-B2,0 ACCORDING TO **EN 13813**

DESCRIPTION – PROPERTIES

Two-component, water-based epoxy primer, suitable for the preparation of surfaces on which epoxy floors will be applied. Ideal for application on new floors (constructed within the previous 28 days) or on floors with problems of rising damp. It can also be applied on surfaces with increased humidity content (8%), though without standing water. Described by great hardness and high resistance to friction and most chemical agents. Classified as SR-B2,0 according to Standard EN 13813.

APPLICATION FIELDS

Suitable for substrate preparation before laying highly stressed floors that require great resistance to mechanical strength and chemical agents and can be found in factories, malls, warehouses, garages, car-shops, slaughter houses, food-processing plants and hospitals. Also recommended for stabilizing old concrete surfaces and can be used as an adhesion bridge for sealing materials on building joints.

SUBSTRATE PREPARATION

The substrate should be rigid and all loose materials, such as dust, oil and grease, should have been removed with a metal brush, roller refiner and vacuum cleaner. Proper preparation is also necessary in case of new structures for smoothening surfaces so that you can save material and achieve the right adhesion. Any cracks and holes on the substrate should be stuffed with a mixture of **NEF 700 EPOXFLOOR DIAMOND** and **QZS EPOX** (M-32) quartz sand in a ratio of 1:3 to 1:4 by weight.

APPLICATION

Add the two components into a clean container by weight, and stir with an electric drill for 2-3 minutes. Then prime the overall surface with brush or roller in order to protect it against moisture. Avoid application when temperatures are <+12°C, atmospheric humidity >70%, and surface moisture >8%.

CLEANING OF TOOLS / STAINS

Clean with **EF SOLV** solvent while it is still freshly applied. If possible, use mechanical means.

PACKAGING – STORAGE

Set of metal containers.

- Component A: 3,6kg
- Component B: 1,4kg

In the original, sealed package, in dry and cool places and at temperatures between +5°C and +35°C, protected against direct sunlight and frost, for 3 years after production date.

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ACCORDING TO THE EN13813 EUROPEAN STANDARD – CATEGORY SR – B2,0

TECHNICAL CHARACTERISTICS		UNITS	STANDARD	VALUE
Form				Glossy, transparent, yellowish
Density	Component A	(g/cm^3)	EN ISO 2811.01	1,02
	Component B			1,13
Mixture ratio		(w/w)		100A:40B
Application Rate (depending on the absorbability of the substrate)		(g/m^2/layer)		120-160
Adhesion strength		(N/mm^2)	EN 1542	≥2,5
Drying time (+25°C)		(h)		6
Recoating after		(h)		24
Application temperature		(^{o}C)		+12 to +35
Light traffic after (+25°C)		(h)		24
Fully hardened after		(days)		~ 7
Pot life (+25°C)		(h)		1

Note: The measurements were taken in laboratory environment under a temperature of +23^{0}C, Relative Humidity 50 % and without ventilation. They may vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation and absorbability of the substrate.