

NET:
18 KG

Quattro

QuaPoxy 5227 Primer NB

Technical Data Sheet



yeykim
YAPI KİMYASALLARI
CONSTRUCTION CHEMICALS

Product Description:

QuaPoxy 5227 Primer NB is a solvent-free, two-component, moisture barrier epoxy based primer.

Application Areas:

It can be applied alone or as a primer coat before self-levelling and epoxy coating in factories, warehouses, shopping malls, workshops, aircraft hangars, schools, hospitals, pharmaceutical industry, food industry, laboratories, parking lots, treatment plants, areas where heavy forklifts and corrosive chemicals are used to prevent dusting of the floor.

Technical Specifications:

Color: Transparent

Density: $1,05 \pm 0,05 \text{ g/cm}^3$

Hardness: 95 Shore D

Mixing Ratio:(A+B): 60:30 by weight

Solids Content (A+B): %100

Drying Time of Product in Bucket: 25-35 Minutes

Over Coating Time: 12-24 Hours

Compressive Strength: $\sim 95 \text{ N/mm}^2$

Adhesion to concrete: 3 N/mm^2

Advantages:

It is a primer with good adhesion, resistant to chemicals and high mechanical strength. It fills the capillary gaps of concrete floors and increases their strength and acts as an adhesion bridge for subsequent epoxy coatings or paints. It can also be used individually to prevent dusting of concrete.

Surface Preparation:

Concrete Surface Quality : The concrete surface must be clean, sound and have sufficient compressive strength ($>25 \text{ N/mm}^2$). The grout layer on the surface must be removed. The concrete to be insulated must be at least C25, preferably C30- C35 standard.

The surface must be cleaned with pressurized water and free from oil, grease, dirt, mortar particles and dust. Concrete surfaces should be prepared to obtain an open porous surface by removing the cement slurry using abrasive equipment. It should also be completely free from mold release agents, cement residues, chips, loose particles and uncured membranes. The grout layer on the surface must be removed (Shot-Blast, Rota Tiger etc.), tensile strength $> 1,5 \text{ N/mm}^2$

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Preparation Instructions:

Component A is mixed with a low speed (300–400 rpm) mechanical mixer until it becomes homogenous. Then add component B into component A and mix until the mixture becomes homogeneous.

Instructions for Use:

Apply the material to the surface with a spatula or trowel. The prepared mixture should be consumed within max. 35 minutes. Mix only the amount of product that can be used within the container life.

Consumption:

0.3 - 0.5 kg/m² depending on the surface

Packaging:

12+6 KG set tin

Storage:

Product packaging must be sealed and label information must be complete. The expiry date should be followed by observing the first-in, first-out rule. Storage conditions should be dry, cool and well ventilated. The product should be stored in accordance with technical safety information and legal obligations. It has a shelf life of 12 months in its unopened original packaging at 15–25°C in a closed, moisture-free warehouse.

Caution:

Do not smoke during application. Care should be taken to ensure continuous ventilation of the application area. Protective equipment such as goggles and gloves should be used during application. In case of eye contact, wash thoroughly with plenty of water. Request Material Safety Data Sheet for detailed information. Keep out of the reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.

Safety Precautions:

R37/38 irritant for respiratory tract and skin.

R41 risk of serious damage to eyes.

R43 may cause sensitization on contact with skin.

S24/25 Avoid contact with eyes and skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and consult a doctor.

37/39 Wear suitable gloves and protect eyes/face.