



## *PROCOOL ROOF 320*

*White Liquid Water And Heat Insulation  
Product With Reflection & Absorption  
Feature for Roofs*

### **GENERAL INFORMATION:**

It is a water-based, acrylic emulsion-based insulation product with an environmentally friendly formulation developed as a result of long R&D studies and high performance, offering water and heat insulation together that you can use safely with its special formulation developed for roofs.

### **FEATURES:**

It has high covering power.

Its adherence is high.

It is matte. It is flexible. Easy to apply.

It is water-based, odorless. It is environmentally friendly.

It minimizes heating and cooling costs with its low Thermal Conductivity value.

Thanks to its chemistry cross-linking with UV, it has very effective dirt holding resistance.

It keeps your rooms warm in winter and cold in summer. It lowers the overall temperature of the building.

The thermal comfort of the buildings increases.

It indirectly reduces carbon dioxide emissions by reducing the energy consumed for cooling.

It can be easily applied on all horizontal and vertical surfaces.

It does not bring big loads to your building. Its mechanical strength is very high .

It reduces the need for continuous painting and insulation of roofs.

With its waterproof structure, it prevents water leaks on the facades, and with its breathing ability, it prevents the formation of moisture and dampness on the interior.

### **USAGE AREAS:**

Terrace roof, trapezoidal sheet, corrugated and non-corrugated roofing sheets

Plastered surface, asbestos panel, bitumen coating, tar surface etc. It can be used safely in all roof insulation on a wide variety of materials.

### **PRODUCT INFORMATION:**

Chemical Base                      Acrylic based / Water based

Appearance / Color            Liquid / White



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### **PERFORMANCE:**

(23°C, 50% RH)

Ph	7-10
Density	1.40 ±0.2 g / cm <sup>3</sup>

These values have been obtained as a result of laboratory experiments and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.

### **Application Instructions:**

Surface; It should be cured, dry and solid. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. The surface must be dry and clean. If there are cracks or breaks on the surface, PROREPAIR THIN or PROREPAIR; If the application will be made in environments exposed to high sulphate such as sea water and sewage, it should be repaired with PROREPAIR PLUS at least 24 hours in advance. Curvatures that may cause ponding should be corrected. Necessary repairs should be made to all cracks, joints, skirts and damaged leaks.

It is applied by diluting 1:1 for the primer coat.  
The other two coats are applied directly without diluting.

It is very easy and economical to repair the damages that occur during use. It is ready to use. PROCOOL ROOF is diluted 1: 1 with water and applied as a primer on the surface. It is applied to vertical joints and directly to risky areas with the help of a brush without diluting. . It is recommended to apply a chamfer tape to the corner joints for waterproofing. First of all, the application should be made with a thin brush without diluting the chamfer tape. After a waiting period of 24 hours, the first layer is applied to the surface with a roller without diluting. After 24 hours, the second layer of cage method is applied vertically to the previous direction. It should never be diluted. 3 coats (primer + 2 coats) should be applied to the surface with the help of brush, roller & spray. Total thickness should be at least 1-1.5 mm for full efficiency. Each layer of application should be applied perpendicular to each other.



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### **LIMITATIONS:**

In order to obtain optimum quality, please adhere to the application instructions. Application should not be made in very high temperature, direct exposure to sunlight, very windy, rainy weather. It should not be applied on surfaces where there is a danger of frost. The application area should not be exposed to excessive load traffic. The application should be done between +5 C and +30 C. It should not be applied at temperatures below 5°C. Until the product cures (28 days), it should be protected from rain, water, frost and adverse external factors.

### **CONSUMPTION:**

Approximately 1.5-2 kg/m<sup>2</sup> for 2 coats

### **PACKAGING:**

5 Kg Plastic Bucket  
18 Kg Plastic Bucket

### **SHELF LIFE:**

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid of the containers should be tightly closed when not in use. It should be kept away from moisture.

### **STORAGE CONDITIONS:**

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

### **SECURITY:**

Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, rinse with plenty of water and seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

*DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.*