

Swelling With Fire Flame Protective Coating

PRODUCT DESCRIPTION

It is a fire-resistant coating used on steel, wood and concrete structures, which is developed to protect buildings from fire for up to 120 minutes. It contains special water-based, fire-retardant chemicals and forms a protective layer on the surface by reacting with the flame.

FEATURES

It has high covering power.
It has high adherence.
It has a structure that expands and provides fire insulation.
It is an excellent flame retarder, swells by entering into a chemical reaction in case of fire and prevents the temperature on the surface from rising to critical levels.
It is extremely suitable for use in wooden, concrete, prefabricated and steel structures .
It dries on the applied surface and forms a seamless layer .

PRODUCT INFORMATION

Chemical structure Acrylic polymer based / Water based
Appearance/Color Liquid / White

PERFORMANCE

(23°C, 50% Relative Humidity)

Intensity: 1,25±0,2 kg/lit
PH: 7-9
Reaction Temperature: 200 C
Inflatable thickness: about 50 times the film
Operating temperature : 650 C

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

USAGE AREAS

It can be easily applied in all places where fireproofing is required on wooden, steel and concrete surfaces, such as wooden and metal structures, archive rooms, historical monuments, aircraft hangars, etc.

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APPLICATION INSTRUCTIONS

Surface; It must be cured, dry and sound. It must be removed from residues such as oil, grease, dirt, paint, dust, salt vomit that may prevent adhesion. If there are any cracks or breaks on the surface, it must be repaired with PROREPAIR repair mortar at least 24 hours in advance .

For the primer coat, dilute 1/1 with clean water.

It is applied undiluted for the other 2 coats.

LIMITATIONS

To obtain optimum quality, please adhere to the application instructions. Application should be made between +5 C and +30 C. Application should not be made in hot, rainy and windy weather. Application should not be made on surfaces at risk of frost. The product should be protected from rain, water, frost and negative external factors until it is cured.

CONSUMPTION

Approximately 600 GR - 900 GR kg/ m², depending on the absorbency of the surface, material thickness and desired fire resistance time. (primer+2 coats)

PACKAGING

5kg plastic bucket

18 kg plastic bucket

SHELF LIFE

It is 1 year from the date of production in its original packaging with the lid closed, in a dry and moisture-free environment, away from direct sunlight, at a temperature of +5 - 25 C and 50% relative humidity. The lids of the packages should be closed tightly when not in use. It should be kept away from moisture. Protect from high temperatures and frost.

STORAGE CONDITIONS

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

815 PROANTI-FIRE PLUS



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SAFETY

Do not inhale, use mask. Avoid contact with skin and eyes. Use protective gloves, glasses and clothing. In case of eye contact, consult a doctor 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.

LEGAL NOTES

Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products. It is a recommendation and this information is about the correct application, ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.

DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test the suitability of the product before using it.

DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.



BARS KİMYA -Dekostar Yalıtım İnşaat San. ve Tic.Ltd.Şti
Gürsu Yeni Sanayi Alanı Karahıdır Mah. Okul Yolu Üzeri No:78
Gürsu /BURSA TÜRKİYE
Tel : (+90) 850 888 61 00 Whatsapp Gsm : (+90) 516 168 61 01
www.barskimya.com info@barskimya.com