Technical Data Sheets (TDS)

HAYPERFLEX CONCENTRATED PRIMER

Description

It is a water-based, acrylic polymer-based waterproofing primer used as a primer in waterproofing applications. It penetrates deeply into surfaces and provides excellent saturation.



Areas of Application

It is used indoors and outdoors, in horizontal and vertical applications, to increase adhesion before applying adhesives, plaster, and decorative plaster, to protect water-absorbent surfaces such as gypsum plaster, gypsum board, aerated concrete chipboard, and brick from moisture, as a primer before painting and wallpapering, and to increase adhesion before applying to old surfaces.

Technical Specifications

Appearance	Transparent-white
Density (25°C, g/mL)	1.00 ± 0.10
pH (25°C)	8.0 - 9.0
Viscosity (25°C, mPa.s)	8000 - 10000
Solid Content	(By weight % : 50 ± 2
drying time	Between +5°C and +35°C
Application methods	(20°C): 2 hours
Full drying time	(20°C): 72 hours

Advantages

It is economical. It is ready to use, easy and quick to apply. When applied before cement-based coatings on absorbent surfaces, it prevents rapid water loss from the mortar. It provides resistance to moisture. It offers high adhesion. It is water-based, odorless, and can be safely used indoors.

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Consumption

100 - 200 g/m2 (Varies depending on the absorbency and roughness of the application surface.)

Surface Preparation

It is important to ensure that the application surface is fully cured. The application surface must be free of adhesion-preventing substances such as dust, oil, tar, bitumen, paint, silicone, curing agents, detergents, and mold release agents.

Mixture

Ready to use.

Application Information

Before use, the CONCENTRATED PRIMER should be thoroughly mixed until homogeneous and diluted with 4-6 times its volume in water. It should be applied to the surface thoroughly using a brush, spray, or roller, and applied in a single coat. Paint or insulation products should only be applied after the primer has dried for a minimum of 4 hours.

Points to Consider

Avoid application at temperatures below +5°C and above +35°C. Avoid application in frozen areas, areas at risk of freezing within 24 hours, or areas directly exposed to sun and wind. Prevent precipitation from reaching the application surface. Extremely hot surfaces can be moistened before application. Keep the container tightly closed when not in use. Do not add any foreign substances to the product.

Packaging

In 5-10-15 kg plastic buckets

Shelf life

It can be stored for 12 months in its unopened packaging. Stir well before use. Protect from freezing.

Health and Safety

As with all chemical products, contact with food, skin, eyes, and mouth should be avoided during use and storage. In case of contact, wash immediately with plenty of soap and water; if swallowed, seek medical attention immediately. During application, appropriate work clothing, protective gloves, goggles, and a mask should be used in accordance with occupational health and safety regulations. Food and beverage materials should not be brought into application areas. Do not approach storage and application areas with fire. Application areas should be well ventilated. Store out of reach of children.

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The application instructions and technical values given for the products have been obtained in accordance with international standards and our experience under ambient conditions of 23±2°C temperature and 50±5% relative humidity. These values may vary depending on ambient conditions. High temperatures shorten the application times, while low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the intended application and purpose. HayperFlex Kimya Sanayi ve Ticaret A.Ş. is not responsible for application errors that may occur due to the use of the product outside of its intended purpose or failure to comply with the application conditions and recommendations mentioned above. This Technical Data Sheet remains valid until the next revision is published. HayperFlex Yapı Kimyasalları reserves the right to change the values stated in this Technical Data Sheet, provided that a new version is published. It is the user's responsibility to check the currency of the document. For more information, please contact our sales department. This guide has been prepared to provide general information and show general technical details regarding the use and application of our products, which can be used in a wide range of different areas. This information reflects the knowledge and experience of our company and is advisory in nature. The information given here, and in particular the recommendations regarding application and end use, is provided in good faith and covers normal conditions and situations where the products are stored, handled and applied under the recommended conditions. Products, application surfaces, application areas and application conditions vary considerably in practice. Therefore, when using the products, it is necessary to ensure that you are applying the correct product, under the correct conditions and in the correct place. HayperFlex Construction Chemicals does not accept any responsibility or guarantee regarding the application result as it cannot control the conditions under which its products are used. The information given here or any verbal/written information given by HayperFlex Construction Chemicals employees is purely advisory. The fact that the application area has been visited by HayperFlex Construction Chemicals employees does not impose any supervisory/supervisory responsibility on HayperFlex Construction Chemicals. The user of the product must test the suitability of the product for the application and purpose for which they intend to use it. HayperFlex Construction Chemicals reserves the right to change the specifications of its products without notice. All orders are accepted subject to our current terms and conditions regarding sales and shipping. Users should always refer to the latest edition of the local Product Technical Data Sheet, which can be obtained from HayperFlex Construction Chemicals. The product buyer must act prudently and prioritize their own interests and property rights; indeed, they are responsible for doing so. This guide applies only to HayperFlex Construction Chemicals products and is not applicable to products from other companies. For matters requiring technical support and deemed appropriate by us, only our company's written statements are considered authoritative. This technical document is valid until a new edition is published and supersedes previous editions.

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