Technical Data Sheets (TDS)

HAYPERFLEX CONCRETE PRIMER

Description

This is a water-based, acrylic resin-based primer for rough concrete surfaces, walls, and ceilings, which enhances the adhesion of cement and gypsum-based liquids to the surface, and is also used as a paint primer on rough concrete surfaces.



Areas of Application

Suitable for all surfaces including plaster, satin plaster and drywall, which have high absorbency and dusting characteristics; raw concrete, aerated concrete and brick.

Technical Specifications

Resin Type	Acrylic copolymer
Solid Matter	% (by weight) 74 -76
Solid Matter	% (by volume) 58 - 60
Viscosity	(cPs, 25°C) 110000 - 130000
Intensity	(g/cm,20°C) 31.55 - 1.59

Advantages

This primer enhances the adhesion of all cement or gypsum-based plasters and mortars, whether machine-applied or not, to raw concrete walls and ceilings in interior and exterior spaces. It prevents rapid water loss from cement and especially gypsum-based plasters and is easy to apply.

With its strong binding properties and micronized particle structure, it penetrates deeply into surfaces, binding loose particles and creating a solid, less absorbent, and more adhesion-enhanced substrate for the topcoat paint.

It increases the working time and workability of the surface.

It absolutely does not form a film.

It prevents premature drying and reduces paint consumption.

Due to its silicone content, it reduces the surface's moisture absorption and increases vapor permeability.

It is odorless.

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Surface Preparation

The surface must be free of all oil, grease, rust, and paraffin residues that would weaken adhesion; it must be sound, dry, and free of loose particles.

Consumption

Ready to use.

Application Information

After thoroughly mixing the diluted product, it is applied to the pre-prepared surface. During application, ensure that the surface and air temperature is at least +5°C and at most +35°C. Do not apply to surfaces with high humidity (saunas, Turkish baths, etc.). The mixing process should be repeated during application.

Dilution Ratio: 1 L of primer is diluted with 0.5 L of water and mixed until homogeneous.

Application Temperature: (°C) 5-30

Coverage Area: (m/L) 27.5 - 10.5 (in a single coat)

Points to Consider

Touch dry (hours) 1-2

Final drying (hours) 24

(The stated drying times may vary depending on ambient and application conditions such as temperature, humidity, and application thickness.)

Packaging

12 KG

Shelf life

It should be stored in sealed containers, away from direct sunlight, at temperatures between 5-35°C. Keep the container closed when not in use. Protect from frost.

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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