

POWERELL

It is a cement-based, single-component, high-performance masonry and mesh mortar.

■ ADVANTAGES

- It is easy and fast to apply.
- Provides high adherence to the surface on which it is applied.
- Provides more homogeneous service and longer working time than mixed mortars.
- Working time is long.
- It is resistant to external climatic conditions.

■ SCOPE OF APPLICATION

- It is used as a masonry mortar for wall components such as bricks and pumice in interior and exterior spaces.

■ WARNINGS AND RECOMMENDATIONS

- The application surface must be dry, clean and sound.
- Application ambient temperature should be between +5°C and +35°C.
- Foreign materials such as sand, filler, cement should not be added to the mixture.

■ STORAGE

Packaging	25 kg Kraft Bag
Colour	Grey
Shelf Life	1 year from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment. Packages should be kept tightly closed when not in use.

■ CONSUMPTION

16-18 kg/m² - for 10 mm application

■ APPLICATION FEATURES

- DryFiX POWERELL fine plaster material should be slowly added into 4,25-4,75 liters of clean water. With the help of a mixer, at low speed, the product should be slowly added to the water and mixed for 2-3 minutes until it becomes homogeneous.
- The mixture is left to rest for 5 minutes and mixed again for 1-2 minutes to make it ready for use.
- The placed knitting element is seated by tamping from the top and side.
- Bonding should be done within 5-10 minutes on the mortar applied with a comb or trowel.

All technical information stated in this product data sheet is based on laboratory tests.
Actual values may vary due to circumstances beyond our control.

İZERSAN YAPI MALZ.SAN VE TİC.LTD.ŞTİ.

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■ TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES

Product Structure	Cement- based powder
Colour	Grey
Pot Life	2-3 hours
Water Mixing Ratio	4,25-4,75 L water / 25 kg
Reference Standard	TS EN 998-2
Compressive Strength	M5; ≥ 5 N/mm ²
Mass per Unit Volume of Hardened Mortar	1.750 kg/m ³ (± 200)
Water Vapor Permeability (μ)	≤ 25
Thermal Conductivity	$\leq 0,47$ W/mK
Reaction to Fire Class	A1

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures. DryFiX is not responsible for the application errors arising from use of product beyond its intended purpose of failure to comply with the forgoing application conditions and advice on the product.

■ SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with plenty of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

■ LEGAL WARNING

Applications that may occur if the product is used for purposes other than its intended purpose or if the above-mentioned conditions are not complied with: from the mistakes of İzersan Yapı Malz. San. VE TİC. LTD. ŞTİ. is not responsible.

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