

weberdress tek siva

Perlite and high fiber reinforcement render for general use.

Technical DataSheet

Release date: 5/24/2017

Revision date: 4/14/2022

■ Product Description

Cement based, applied by hand and machine on interior and exterior surfaces, perlite and high fiber reinforced render for general purpose use.

■ Reference Standards

- TS EN 998-1
- CE

■ Benefits

- Standardized results in render applications.
- Fast and easy application
- Rough and fine use functionality
- High performance
- Optimum working time.

■ Area of Use

Applied on brick, concrete, gas concrete, fair faced concrete, briquette and thermal insulation (iso) brick surfaces of facade and interior areas.



■ Substrates

Applied on brick, concrete, gas concrete, fair faced concrete, briquette and thermal insulation brick surfaces.

Render spreading must be applied prior to use on glossy surfaces, concrete walls and ceilings.

The use of **weberprim BT-max** is recommended for applications on fair faced concrete surfaces, in order to increase adherence and avoid rapid water absorption.

Please consult us for other application substrates.

■ Preparation of Substrate

- The substrate should be clean, dry, smooth and sound.
- Any cracks or bad form in the substrate must be repaired.
- The substrate should be wetted before application and it should be saturated with water in very hot and windy weather.

■ Application Conditions

- Ambient temperature: between +5 °C and +30 °C
- Avoid application in very damp and/or hot weather.
- Foreign materials must never be added to the mixture.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.
- The use of render nets is advised in joint and conjuncture of different building materials.
- All tools should be cleaned with water before drying after the application.

■ Application

- 9-10 lt clean water should be added to 35 kg bag of **weberdress tek siva** and should be mixed either in pump machine or electric mixer. The mixed mortar is either applied via trowel for hand applications or sprayed with pump mach
- Gauging should be done. Application thickness in a single run is between 10 mm – 25 mm, for applications with thickness requirement above 25 mm should be done after one day of the previous application and the maximum thickness should be 25 mm maximum for this application as well. Once the render is hard enough, grinding should be done and finishing must be done with a wet sponge.
- For the adherence and the strength of the render, the application area should be wetted with clean water depending on the ambient conditions within seven days after the application.

■ Tools

Steel trowel, electric mixer, gauge, render pump.

■ TDS Consumption

Average of 14-17 kg/m² for 1 cm thickness of render.

■ Attention points

- Never add foreign materials.
- While preparing the mortar, recommended water rate, mixing and aging time should be certainly observed.
- Should not be applied directly on metal and wood surfaces.
- Should not be applied on plastering surfaces.
- Should not be applied on surfaces with old paint, ready mix coloured render, facade coatings, old renders that are not sound and clean, areas that

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are continuously exposed to humidity, asbestos cement or insulation boards.

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■ Technical specifications

Product Name	weberdress tek siva
Product Type	Powder (white)
Water addition	35 : 9-10 lt (weberdress tek siva : water)
Dry Bulk Density	1500±200 kg/m ³
Application Thickness	Application thickness : 10-50 mm Application thickness for one layer : max. 25 mm
Time required to Wait after Primer Application	30 minutes
Compressive Strength	3,5 ≤ CS III ≤ 7,5
Bonding Strength	≥ 0,4 N/mm ²
Capillary Water Absorption	W1
Reaction to fire classification	A1

■ Storage

Packaging	35 kg
Shelf life	1 year as of the production date in dry and moisture-free environment, provided that packages will not be opened. Package should be kept tightly closed when not in use.

■ Safety Warning

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Material Safety Data Sheet (MSDS) for further safety information.

DISCLAIMER

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