

## CASEA Casutec WS - Fine Gypsum Machine Finish Plaster

CASEA Casutec WS is a factory produced lightweight gypsum plaster, specially designed for hand and machine application produced to EN 13279. It is manufactured from a controlled blend of pure white gypsum and other components to give a high quality skim plaster product, suitable for use in internal plastering. The unique properties of this plaster make it suitable for smooth finish application onto blockwork, brickwork, cement or gypsum based base coats and plaster boards.

- Pure White
- Machine or Hand Application
- High Yield
- CE Marked
- EN 13279

### Field Of Application

A lightweight very white skim plaster for walls constructed out of low, medium and high density blockwork, any other masonry substrate, cement or gypsum based base coats and plaster boards. The products special composition allows the product to be finished smooth and is suitable to receive subsequent coatings of paint and wallpaper.

### Substrate

Casutec WS can be applied on old render, all types of masonry, concrete and plaster and render base coats. The substrate must be dry, clean, stable and free from release agents, paints and any other contamination. The residual moisture content of concrete must be below 3% CM for application. Substrates with very low suction/absorption, i.e. pre-cast or smooth insitu concrete should be primed with Casuprim HB as directed. Substrates with very high suction/absorption should be primed with Casuprim AS as directed.

### Preparation

CASEA Casutec WS should only be applied to mature stable surfaces. A minimum of one month should be allowed following completion of the wall construction before application of the plaster commences. In slow drying situations, a longer interval should be allowed. All substrates must be clean, sound and dust free as the plaster relies on a combination of suction and surface texture to achieve bond. The recommendations set out in EN 13914-1:2005 and BS 5262:1991 should be followed. It is essential that all steps are taken to ensure that a satisfactory bond is achieved between the plaster and the substrate.

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### Instructions

Casutec WS can be applied using all suitable spray rendering machines, e.g. G4, G5, m3, S48 or MP25 and can be transported on all pneumatic conveyor systems. When hand applied, mix for 5 minutes using a suitable electric mixer. In case of great unevenness in the substrate (e.g. rough stone masonry) the recesses require dubbing out. In order to achieve a very smooth finish, dampen the plaster when hardened using a brush and smooth over again. The open time after mixing is approx 80 minutes, however this depends on the consistency of the plaster, ambient temperature and absorbency of the substrate. During application the temperature must be between 5-30°C. Process the mixed mortar quickly and do not use hardened material.

### Storage

6 months under dry protected conditions.

### Practical Advice

Fibreglass mesh or tape must be used on joints of plaster board and in case of changes in substrate material. Do not add any other substances to the plaster mix. Only use clean containers and tools, since the curing behaviour of the mortar is influenced significantly by gypsum residues. Please contact the SMET team for advice on any other special substrates. All relevant standards, guidelines and recommendations apply; workmanship must comply with good practice.

## Disposal Considerations


13.1 Waste treatment methods. Recommendation: Smaller quantities can be disposed of with household waste. Uncleaned packaging: Recommendation: Disposal must be made according to official regulations. Recommended cleansing agents: Water, if necessary together with cleansing agents.

## Safety

Classification according to Regulation (EC) No 1272/2008. The product is classified and labelled according to the CLP regulation. All standard precautions for the handling of construction materials/chemicals must be taken. See CASEA Health and Safety Data Sheet for further detailed information.

## Technical Information

Yield as per standard	approx. 1200 l/t approx. 1.2 l/kg
Standard	Gypsum surface filler C7 as per EN 13279
Compressive Strength	≥ 3.0 N/mm <sup>2</sup>
Flexural Strength	≥ 2.0 N/mm <sup>2</sup>
Consumption	approx. 0.85 kg/m <sup>2</sup> each 1 mm layer thickness
Water Vapour Permeability	μ = 8
Thermal Conductivity	λR = 0.35 W/mK
Yield	0.85 kg/mm/m <sup>2</sup>
Water Demand	13 l per 20kg bag
Reaction To Fire	A1 Non Combustible

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	<p><b>EN 13279-1: 2008</b>  <b>Plastering surfaces within buildings</b></p>
<p><b>Reaction to fire</b></p>	<b>A1</b>
<p><b>Direct airborne sound insulation</b></p>	<b>NPD</b>
<p><b>Thermal resistance</b></p>	<b>NPD</b>
<p><b>Dangerous substances</b></p>	<b>NPD</b>

NPD Properties not determined as they are not relevant (No Performance Determined)

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