

# DRYVIT WOOD EFFECT SYSTEM

Polymer modified cementitious render and acrylic stain used to create a wood effect finish.



## PRODUCT DESCRIPTION

Drytex WOOD is a white ready to use blend of polymer modified cementitious powders which only require the addition of potable water to produce a high quality render. After application the wood grain texture is created by impressing a flexible wood pattern moulding into the render before it has set.

Drytex WOOD imprint moulds are manufactured using reinforced silicone rubber for maximum durability and are available in five split wood grain patterns and a log end imprint.

WOOD Glaze acrylic stains are used to give the Drytex WOOD a natural colouration and are available in eight standard matt or gloss colours. Dryvit Color Prime, Demandit Smooth or Silstar Pro can be used if a painted effect is desired.

## FEATURES & BENEFITS

FEATURE	BENEFIT
• Polymer modified	Excellent adhesion to substrate
• Water repellent	Weather resistant
• Available in a choice of face colours	Cost effective alternative to wood
• Vapour permeable	Allows vapour transmission

## PROPERTIES

Component drying times depend upon the air temperature, relative humidity and wind conditions. Drying time at lower temperatures or higher relative humidity, in particular during autumn and winter months, may be significantly longer. All work must be protected from rain for at least 24 hours.

**Drytex WOOD** - The drying time under average drying conditions 20°C and 55% RH is approximately 48 hours before the application of WOOD Prime.

**WOOD Prime** - The drying time under average drying conditions 20°C and 55% RH is 3 to 4 hours before WOOD Glaze can be applied.

**WOOD Glaze** - The drying time will vary according to temperature and relative humidity.

**Color Prime, Demandit Smooth and Silstar Pro** - refer to the relevant Dryvit technical data sheet.

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## USES

Drytex WOOD 25 kg moisture resistant bags.  
Drytex WOOD imprint mould 1.5 m x 175 mm  
Drytex WOOD Prime 4.34 kg and 17.36 kg pails.  
WOOD Glaze 12.7 kg container

## COLOUR

WOOD Glaze and WOOD Glaze Matt are available in a range of standard colours.

## COVERAGE

Drytex WOOD 4.0 to 5.0 kg/m<sup>2</sup> equivalent to 6.1 to 7.6 m<sup>2</sup> per bag.  
WOOD Prime 0.20 - 0.25 kg/m<sup>2</sup> equivalent to 69 to 87 m<sup>2</sup> per 17.36 kg pail or 17 - 22 m<sup>2</sup> per 4.34 kg pail.  
WOOD Glaze and WOOD Glaze Matt 0.10 to 0.20 kg/m<sup>2</sup> equivalent to 60 - 120 m<sup>2</sup> per container.

**Note:** The actual coverage rate will depend on factors such as, condition of the substrate, application method, application experience and an allowance for wastage.



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## PROPERTIES CONTINUED

Temporary protection - Shall be provided at all times until the base coat, finish, permanent flashings sealants, etc. are completed to protect the wall from weather and other damage.

## SUBSTRATE PREPARATION

Surfaces must not be below 5°C or painted and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds.

**Dryvit base coat** - The relevant Dryvit base coat should receive a light brush finish before they dry to create a key prior to the application of Drytex WOOD. The base coat shall be thoroughly dry typically achieved at +20°C and 55% relative humidity in at least 24 hours, but will be extended under less optimal conditions.

**Limestone, cement renders and concrete** - New render and concrete shall be cured for at least 28 days. Aged render and concrete should be sound and have all surface defects repaired and the surface etched using Dryvit efflorescence remover, rinsed and once dry primed with Primax or Strongsil before Drytex WOOD application.

**Lightweight and dense concrete block** - All surfaces should be cleaned of dust and loose particles prior to skimming with Stucco Build. Block work exhibiting high suction should be pre-damped and primed with Primax before Stucco Build application. Allow to cure for minimum two weeks before application of Drytex WOOD.

**Brick** - New brickwork should be at least 28 days old and aged brickwork clean and sound. Prime the surface using Primax or Strongsil prior to application of Drytex WOOD.

## MIXING

### Drytex WOOD

Carefully measure 5.5 - 6.0 litres of water into a plastic bucket for one 25 kg bag of Dryvit Drytex WOOD. Slowly add powder and using a slow speed drill (400-500 rpm) and paddle mix for 5 minutes until homogenous. Allow to stand for 5 minutes then re-mix. Note: The render may stiffen on standing. Re-mix the product to regain a workable consistency and if needed add a small amount of additional water.

Different mixes of Drytex WOOD to be used on the same elevation (e.g., walls) should be mixed with the identical amount of water for the same mixing time to avoid texture and colour variations.

### WOOD Prime

Is applied before the application of WOOD Glaze by brush or medium pile roller. Sufficient material should be used to uniformly coat the substrate without runs or build-up of material. Maintain a wet edge and work to a logical wall break to minimise lap marks. Backroll the wet application immediately with all strokes downward.

### WOOD Glaze

Before use stir thoroughly using a slow speed paddle, being careful not to entrain too much air. During application stir occasionally to ensure consistency of colour.

### Dryvit Color Prime, Demandit Smooth or Silstar Pro

Can be applied over Color Prime as an alternative to WOOD Prime. The Color Prime is then over coated either with WOOD Glaze, Demandit Smooth or Silstar Pro in accordance with the relevant technical data sheet.

## APPLICATION CONDITIONS

At the time of application and during the next 48 hours, air and substrate temperature may not drop below +5°C. The Drytex WOOD Prime and WOOD Glaze should be protected against water during this time. Avoid work in direct sunlight and windy conditions.

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### STORAGE

Drytex WOOD - When stored in a dry place at temperatures above +5°C shelf life is 6 months from the date of manufacture. Protect against moisture and direct sunlight.

WOOD Prime - When stored in a dry place at temperatures between 4°C and 38°C the shelf life is 12 months from the date of manufacture. Protect against moisture and direct sunlight.

WOOD Glaze - must be stored at a minimum of 4°C and a maximum of 38°C in tightly sealed containers protected from weather and out of direct sunlight.

### CAUTION AND LIMITATIONS

Apply in dry conditions. At time of application and for the following 24 hours air and substrate temperatures must not drop below +5°C or rise above +30°C. The product must be protected against direct sun and windy conditions so sheeting the façade or the scaffold is advised to achieve this. Surrounding windows window cills etc must be properly protected during application and early curing.

Discoloration and or efflorescence may occur during the painting of moist mineral finishes. If this occurs, wait until the surface is completely dry and remove with Dryvit Efflorescence Remover rinsed with clean water before repainting. Drytex WOOD finish cannot be left unpainted

### CLEANING

All equipment must be washed with clean water immediately after use. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

### HEALTH AND SAFETY

Refer to the product Safety Data sheets.



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## APPLICATION METHOD

Drytex WOOD render should be applied using a stainless steel float to achieve an even thickness of about 4 to 5 mm. This can also be achieved by initially applying the Drytex WOOD slightly thicker than required with a notched trowel and finishing to a smooth surface with a steel float. Leave it until "dry to the touch", approximately 15-30 minutes dependent on temperature and relative humidity.

Select the desired flexible Dryvit WOOD Imprint Mould and "release" the surface by brush sparingly applying a clean food grade cooking oil onto the imprint surface. Starting at the highest point ensure the moulding is level and in the required orientation, gently press it onto the surface of the render in the desired location. Without allowing the mould to move use a 150 mm rubber roller to evenly press the moulding into the soft Drytex WOOD. Immediately remove the mould by carefully peeling it away from the render surface. Repeat the sequence to create the full wood panel effect, releasing the imprint mould as necessary to ensure it does not stick to the render. After 24 hours shallow grooves can be cut between the wood effect imprints using a hand held narrow bladed electric precision mini circular saw to emphasise the panel effect.

## DRYING TIME

Allow the Drytex WOOD to fully dry, a minimum of 48 hours, at +20°C and 55% relative humidity. Drying time at lower temperatures or higher relative humidity, in particular during autumn and winter months, may be significantly longer. Before over coating ensure the Drytex WOOD surface is free from excess release oil. If required remove by scrubbing with a warm mild detergent solution.

Once the Drytex WOOD is fully dry it can be over coated with one coat of WOOD Prime followed by two coats of WOOD Glaze. Alternatively for a paint effect, the Drytex WOOD can be over coated with one coat of Color Prime followed by two coats of WOOD Glaze, Demandit Smooth or Silstar Pro.

Color Prime, Demandit Smooth and Silstar Pro should be stirred to disperse any settlement and then applied with a brush or roller in a two coat application, but refer to respective product data sheets for further information.

WOOD Glaze should be applied by brush in two thin even coats allowing the first to dry before application of the second. Ensure that all the wood grain and any cut grooves are fully coated to achieve the desired colour and full level of protection. To achieve a weathered aesthetic effect, during the second coat lightly wipe along the grain using a sponge or cloth, checking to ensure uniformity.

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