



# Unixil Winter



# The Problem

Renderers have always been susceptible to application due to the weather.

General rules of rendering are that they should not be applied where the air temperature is 5°C and falling or where there is a possibility of rain / mist or fog occurring during their initial setting period

However during winter periods the application of the render can still be affected even though the above criteria has been adhered to. Why is this ?



Relative Humidity - What is it and why does it cause a problem ?

Absolute Humidity is the measurement of water vapour in the air and Relative Humidity is a percentage expression of what the air can hold at that temperature.

Why is this a problem ?

With higher humidity levels the render will take longer to dry and therefore could lead to what is known as a 'wash off'

# The Solution

UNIXIL WINTER GRADE TOPCOAT from JUB is a new type of winter grade render that allows for application when adverse weather is expected. With the benefit of a 1° to 15°C window of application, there are no concerns regarding the ever changing weather we experience in the UK.

## Benefits

**Application temperature down to 1°C.**

**Unixil Winter will start drying within 95% humidity conditions.**

**Rain resistant in 24 - 48 hours, dependent upon conditions / substrate.**

**Touch dry within 12 hours.**

**Easy to apply.**

**90 minutes tub time.**

**Extensive range of colours. Over 100 shades to choose from.**

**Same Siloxane resin quality associated with silicone renders.**

**Flexible and resistant to shrinkage cracking.**

**Uniform in colour and texture.**

**No requirement for any supplementary decorative coatings.**

**Long term durability.**



# Application

Unixil Winter Grade is a specially formed 2 component system specifically designed for winter application. Due to the exact nature of the composition the following installation instructions must be complied with to ensure that the Winter Grade system performs correctly.

## PREPARATION

The surface of the primed basecoat **MUST** be dry before the application of the Winter Grade system. If the surface is still damp this will delay the drying process.

Suitable heaters may be used to dry out any moisture affected surface, once the basecoat has dried at 1 day per mm thickness applied.

## MIXING

DO NOT add any water to the the Unixil Winter Grade or the Unixil Additive. Add 1 full 500ml canister of Unixil Additive to 1 full 25 kg tub of Unixil Winter Grade. DO NOT add more or less than the stated amount of Additive as this will affect the system.



Mix the contents of the tub at a high speed setting with a drill whisk for a minimum of 2 minutes to ensure that the Additive has fully integrated with the Unixil Winter Grade.

DO NOT replace the lid on the on the tub unless for transportation.

Trowel on the Unixil Winter Grade as normal and texture with a plastic float as standard. DO NOT clean the plastic float in water in between texturing but clean with the trowel / spatula as the extra moisture will delay the drying process.



## Notes

**DO NOT add water to the Additive / Winter Grade or Primer**

**The surface of the background must be dry**

**The Additive must be used once opened**

**Adequate rainwater detailing must be provided**

**DO NOT replace the lid of the tub or clean the plastic float with water**

**Mix the Additive and Winter Grade thoroughly**

**Use the Winter Grade within 90 minutes of mixing**

**If possible provide facade weather protection for the first 24 hours**

Unixil Winter Grade should be weather resistant within 24-48 hours of application, however the system will still be curing behind the surface, therefore precautions should be taken not to damage or scratch the render until it has fully hardened. Levels of humidity above 95% may cause a delay in the drying process.



**1°C**  
**application**

**95% Humidity**

**Unixil Winter Topcoat**

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