

APPLYING RENDER PRODUCTS IN HOT WEATHER

With any external building product, application in the summer months can cause issues. Avoiding applying onto hot substrates by working early during the cooler temperatures and following the shade around the building and out of the direct sunlight and wind is always recommended.

It is also very important to store the products in a cool area and, when mixing is required, to use cool or if required iced water. Let hot water run out of the water supply before using the water.

Aesthetic issues can occur in finishes of all types due to different rates of drying between areas in shade versus those in the sun. For example, scaffolding will create shadow lines where the finish dries more slowly than adjacent areas. To help prevent this, the exterior should be sheeted to limit the uneven sun exposure and different drying rates which can result in different colours.

Finally, always take into account the fact that working times of products decrease in hot weather and sufficient manpower should be utilised to prevent 'cold' joints in the finish and snap drying occurring.

BASE COATS

Monocouche Render - Mineral Thin Coat Render

All of the above products require water to allow the binder to hydrate efficiently. During curing, water in the render is lost to evaporation and to absorption into the substrate. Soaking the substrate first reduces absorption into it and also puts water back into the system, which will increase the open time of the product for finishing. Once the product has been finished and is starting to pick up, spraying the surface of the product with a fine mist of clean cold water will replace the lost water that is evaporating in the heat, and allow the binder to hydrate sufficiently, ensuring a fissure-free finish. Continue doing this every 20 minutes until the temperature or winds reduce down and the product finally cures.

In excessively hot periods, moist mist curing should be completed several times per day evenly over the wall for a couple of days, or longer if very windy, dry and hot. Keep in mind that excessive watering can result in increased colour differences.

SILICONE AND ACRYLIC THIN COAT RENDER

Always ensure that a primer has been used before application of render. Add 5% water per tub and thoroughly mix. Once applied ensure that the product is finished within 5-15 min of application, otherwise the finish can look very closed and uneven.