

Resene Aquapoxy Information Sheet

Resene Aquapoxy **must only** be applied under the following conditions only:

1. Application not recommended at temperatures below 10°C or above a R.H of 85%.
2. Recommended for interior use; will chalk when continuously exposed to sunlight.
3. Will discolour when exposed to hypochlorite (bleach containing) solutions.
4. Mixed product will remain liquid well past usable pot life. Do not apply mixed product beyond stated pot life for a given temperature.
5. Do not apply over existing thermoplastic paints

If application takes place outside these conditions then the curing of the products and subsequent adhesion, traffic resistance, and solvent resistance may be seriously affected.

Curing of the applied film with a combination of high humidity (>85%) and low temperature (<15°C) will have a negative impact upon film formation and reduce cross linking. If the required curing mechanism does not occur then the resulting film will not develop the expected performance and aesthetic properties associated with this product.

Humidity appears to be the key determinate of cross linking, at humidities close to or in excess of 85% water remains trapped in the film which means that full cross linking cannot occur. Curing is also temperature dependent but if the applied film has lost the required amount of water cross linking still occurs at lower temperatures but at a slower rate.

Regular trade users of the product should invest in equipment to check relative humidity prior to application. The relative humidity data from the weather service is an indication but should not be relied upon to make a decision on application conditions as the RH in an enclosed room can be very different from the exterior value. The other factor to remember is that there will be a significant volume of water released into the room air space following application of the product and this may tip the RH over the required percentage.

Ventilation and air flow will also assist in displacement of water from the film and area the area being painted. If heating is to be used make sure that gas or fuel burning heaters are avoided as the fuel combustion process adds to the humidity of the atmosphere.

The application requirements for Resene Aquapoxy are in line with standard Resene waterborne products.

Resene

the paint the professionals use