

Summer Months Advice & Tips

Bauder Cold Applied Liquids

Hot weather conditions can have an effect on the installation of Bauder Cold Applied Liquid Systems. The following guidance will help.

Cold Applied Liquids – Hot Weather

In hot weather, we would like to remind everyone that the maximum ambient and/or substrate temperature for the application of Bauder cold applied liquid materials is 35°C for LiquiTEC products and 30°C for LiquiTOP products. Also, the materials should not be stored in direct sunlight or in temperatures above 25°C.

To accurately measure substrate temperature, we recommend a non-contact infrared measuring gun which are readily available. (For example, Amazon, Screwfix, Toolstation etc.)

In warmer temperatures, you will see a noticeable change in the flow properties of the liquid products. Viscosity (its ability to resist flow) will decrease, with the product becoming thinner than usual. This can impact the application of the product. Low product viscosity in warmer summer months could result in the product being applied too thinly, applying less product than is required.

Particular care should be taken with darker substrates which will be subject to higher solar gain.

For warm roof applications, reflective membranes, such as BauderTEC DBR 06, do not absorb the heat from the sun to the same extent, but will reflect the heat into the liquid system being applied so caution is still needed.

The consequences of application when the temperature is too high can lead to a sticky/tacky surface, surface anomalies and a reduction in mechanical and physical properties. If this occurs please cease works immediately and contact Technical Services.

Recommended Precautions

- Store the products in a cool, well-ventilated covered area, between 5-25°C.
- Do not leave outside in direct sunlight.
- Keep only the materials that are planned to be used on that day on the roof.
- Always check the product before use.
- Do not use if the ambient/substrate temperature is above 30°C for LiquiTOP or 35°C for LiquiTEC.

Further information can be found on the appropriate product data sheets, available on the Bauder website, or in project specification documents.

If you have any questions don't hesitate to contact our helpline on 01473 257671.