

CONTRACTOR UPDATE

Irrigation of Green Roofs

XF301 Sedum Blanket installed on Falls

The effects of climate change are becoming real factors for green roofs. The last few years has seen an increase in summer temperatures and prolonged periods of hot dry weather.

To reflect this, Bauder have slightly changed specifications and advice given to clients.

Irrigation

Bauder's advice has always been that ALL green roofs require water during times of drought. The primary cause of failure of green roofs is lack of watering either during the establishment period (directly after installation) or longer term during dry spells.

Bauder now recommend that all green roofs have either an irrigation system or a means of watering the roof during drought conditions. For small schemes and domestic installations this may just be a tap point in a suitable location allowing watering by hand. However, for large commercial installations, a permanent irrigation system is recommended. Bauder have a number of documents detailing the aftercare and watering requirement for our systems.

<https://www.bauder.co.uk/technical-centre/downloads/maintenance/extensive-green-roof-watering-guide.pdf>

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It is recommended that installing contractors issue aftercare guidance to the Client, Main Contractor and end user, so all parties are made aware of both the watering and maintenance requirements for the roof. In addition, installers should take a full photographic record of the roof and the condition of the vegetation at handover.

Installation of Bauder XF301 Sedum blanket on pitched roofs

Bauder still require SDF drainage mat to be installed under XF301 Sedum Blanket on flat roofs less than 1:50 (below 2°), but green roofs installed on roofs with a positive fall of greater than 1:50 (above 2°) or over will not require SDF mat.

Note: The removal of SDF mat assumes that the roof drains freely and does not hold any standing water. SDF mat must be always be used where (after construction) it becomes clear there is a risk of standing water.

If you require further information or have any green roof queries, please contact:

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