

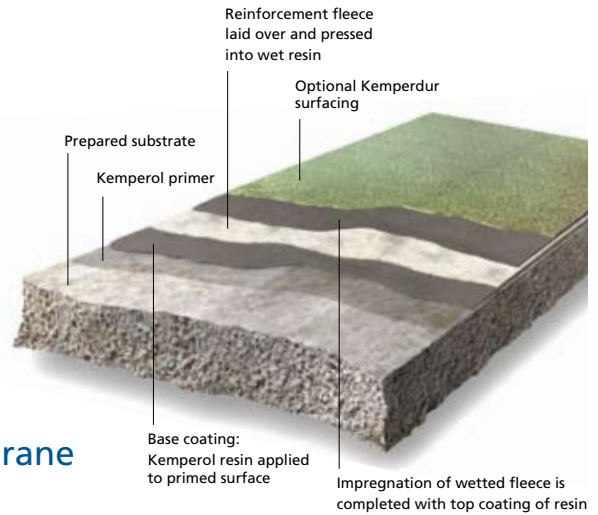
KEMPEROL

Cold applied liquid waterproofing

Always the best for flat roofs

Why wet is best

Once you've selected cold-applied liquid waterproofing as your method of choice, how do you then choose between the different products available to you? Only one leading brand - Kemperol - is applied 'wet-on-wet', and when it comes to cold-applied liquid waterproofing, this consistently outperforms all other methods.

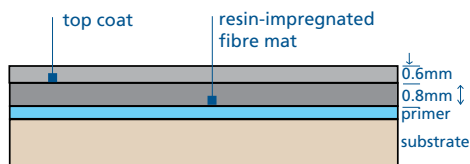


Creates a single, integrated membrane

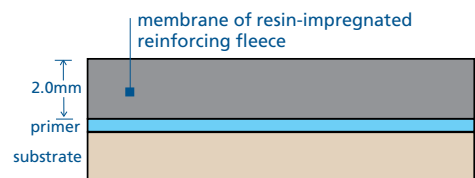
So why does wet-on-wet perform the best?

All other systems use a base coat, which once applied has to dry, and onto which a finishing coat is then applied. This effectively creates a lamination, where the performance of the whole roof is dependent on the performance of each relatively thin application, as well as the bonding between the two separate layers. Kemperol, however, is applied wet on wet, an integrated build-up that makes a single, chemically-bonded layer with no laminations. This forms a seamless, inseparable membrane of great strength that avoids all the risks of poor adhesion, 'thin spots' or even delamination that can be the downfall of two layer, wet-on-dry systems. Whatever the substrate, this gives long-lasting and assured performance that is consistently superior to other methods.

Typical 2-layer, 'wet on dry' waterproofing



Kemperol single layer, 2-coat waterproofing



Typical wet on dry systems		ALL Kemperol systems	
1.4mm	Dried film thickness	2.0mm - 2.5mm	
min. 10 years	Expected working life	min. 25 years	
P1	Imposed load rating: (*P1 lowest; P4 best)	P4	
P2	soft substrate	P4	
	hard substrate	P4	

Better performance - and saves time too

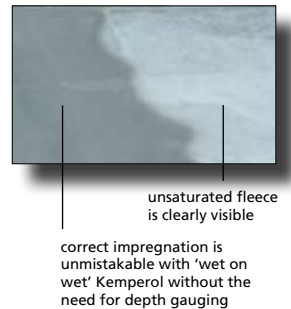
With Kemperol there's no need to wait for a base coat to dry before applying a second coat, so projects are completed more rapidly - often saving days on site. This reduces contractor costs and minimises disruption. When waterproofing details and penetrations such as rainwater outlets, complete impregnation of the reinforcing fleece can be achieved in a single operation - a process that's both quicker and more reliable.

A more reliable finish

Kemperol 'wet-on-wet' liquid waterproofing has the further advantage that complete impregnation of the polyester reinforcing fleece is immediately visible as it becomes saturated with resin. There is absolutely no mistaking when this has been achieved, which means optimum saturation and bonding to the substrate is assured.

With other systems - 'wet on dry' - it is difficult to see when the correct depth of surface coat has been achieved and for this reason manufacturers recommend that contractors use a depth gauge for complete peace of mind. On even small roof areas, this opens up the risk of thin patches which may jeopardise the total integrity of the roof, particularly in the most vulnerable areas or where standing water is likely to occur.

Kemperol is applied wet-on-wet and so completely avoids this risk.



Traditional and solvent-free options

As well as our traditional products Kemperol now offers the UK's only solvent-free liquid waterproofing. Applied in the same way, wet-on-wet, these have the performance and versatility of our solvent-based products but are more environmentally friendly and, being odourless, avoid the need to evacuate buildings during application. Both types are BBA certified, so can be used for newbuild or refurbishment work with complete confidence.

A choice of solutions

Unlike 'one size fits all' solutions Kemperol products have each been designed to suit different applications. This means a better engineered and technically superior product, installed by trained and certified contractors, and backed by the experience of the world's leading supplier of liquid applied waterproofing. Our technical team are always available to advise the best product for your particular application whilst, in addition to detailed product information, our website offers the facility of an interactive Project Specifier which can be verified online by a technical advisor.

Kemperol wet-on-wet. Always the best for flat roofs.

- No delamination risk between top and base coats
- Fast - no waiting for base coat to dry
- No risk of 'thin spots' associated with dry-on-wet systems
- Fully certified and tested: EOTA, FM, DIN, BBA
- Exceptional performance - Elastic; Permeable; UV-stable
- Full range of surfacing options
- Installed only by trained contractors
- Experienced technical support
- Can be applied direct to insulation
- 50 years proven performance



Technical:

For additional technical information and advice, please contact our technical department on 01925 445532 or visit www.kempersystem.co.uk

Every effort has been made to ensure the information provided on this Guidance Note is correct. It is intended for general guidance only and it is the responsibility of the user to confirm product suitability – more detailed and specific advice may be obtained from our technical department or from an approved contractor. The correct application of our products is the responsibility of the appointed contractor.