

DELTA ROOF GUARD METAL PRIMER/ACTIVATOR

A single component polyurethane resin primer for improving the adhesion of Delta Roof Guard Primers, CP and QC systems to various substrates such as metal, single ply PVC, EDPM and GRP surfaces.

In most recent circumstances, polyurethane resins, thanks to their chemical cross linking (as opposed to their physical curing water based products), provide excellent adhesion to substrates. However, the very high water cohesion of these polymers may contribute to a lack of adhesion and eventual failure on difficult substrates, such as metals or nonporous ceramics. Some supports tend to offer more resistance to adhesion than others:

- Metals
- Glass
- Single ply PVC
- EDPM
- GRP
- Old/Polished Concrete
- Stainless Steel



PRODUCT DESCRIPTION

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APPLICATION

Delta Roof Guard Metal Primer allows both in the case of waterproofing membranes, as well as in floorings, adhesives and other polyurethane coatings, to obtain high adhesion "links" between the substrate and the coating on top, so that there is a chemical anchorage between both elements. Even though Delta Roof Guards Metal Primer is a product that by itself does not offer any film formation or any mechanical properties, (so it is definitely not a product to be used on its own), it does provide extreme adherence in combination with polyurethane single component products.

MIXING

The product does not need to be stirred. Do not add any other product. Do not add Delta Roof Guard Metal Primer to other products.

HOW TO APPLY

It is recommended to scratch the surface slightly, creating some friction, if possible, before applying the Delta Roof Guard Metal Primer. Apply by brush or roller. Sprayers are also allowed. Delta Roof Guard Metal Primer does not give enough adhesion on unsuitable substrates. It is important to clean and remove all loose materials, dirt, greases and other residues. In addition, surfaces must be dry.

Apply by wetting all the surfaces and allow the solvent to evaporate. The product does not give a visible film. No colour or appearance change will be noticed after application. Do not apply excessive amounts of product.

On difficult substrates (e.g. asphalt) it is recommended to test the Delta Roof Guard Metal Primer beforehand.

CURING TIME

Contaminated tools should be cleaned with Delta Roof Guard PU Solvent.

CLEANING

Contaminated tools should be cleaned with Delta Roof Guard PU Solvent.

RECOMMENDED QUANTITIES

Scrub or spray the surface applying 50 to 100g/m².

RECOATING

Not necessary.

RETURN TO SERVICE

Application of the following coating can be done one-hour after the application of the Delta Roof Guard PU Primer, and up to 4 hours after.

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Question	Answer
No film formed	Normal. There is only a microscopic additive layer on the surface. Make sure there are no areas left unprimed.
Too much product	Do not apply excessive amounts. If there is an excess, the additive begins to be visible as a haziness or small drops on the surface. This excess does not improve adhesion properties. Remove and homogenise.
What surfaces can it be used on	All surfaces where some doubts may arise with respect to adhesion of single component polyurethane composition. These are usually very smooth surfaces (e.g. ceramic tiles and metals). In these cases, use of this kind of primer is usually mandatory.
Which polyurethane products can be used with it	All the single-component polyurethane compositions (moisture cured): Delta Roof Guard Colodur and sprayed systems, such as Delta Roof Guard CP & QC.



SAFETY

Delta Roof Guard Metal Primer contains flammable solvents. Take all necessary precautions when handling/transporting. See the Material Safety Data sheet for more information.

ENVIRONMENTAL PRECAUTIONS

Empty containers must be handled, taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorised waste manager.

OTHER INFORMATION

Disclaimer: All data and information contained in these Product/Technical Data Sheets is up-to-date and correct as at the date of issue. The information given is suggested as guidance and should only be used for evaluating your specific application. Delta Membrane Systems Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. The information contained in these Product/Technical Data Sheets should not be considered a warranty, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose. In no event shall Delta Membrane Systems Limited be liable for any incidental or consequential damages resulting from the use, misuse or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory. When in doubt, contact Delta's Technical Team on 01992 523 523.