

DELTA ROOF GUARD SUPER-ACCELERANT PU

Curing additive for Delta Roof Guard CP

The Moisture-Cured Delta Roof Guard CP can require under certain conditions, a faster curing process because of job constraints or low temperature or air humidity. Delta Super-Accelerant PU dramatically reduces the curing time with no loss of relevant properties. Delta Roof Guard Super-Accelerant PU obtains a surface skin in a short time, reducing risk of damage by rain, drift, slopes, etc. and it can be put into service after a few hours, with less residual tacking effect.



RECOMMENDED ENVIRONMENTAL CONDITIONS

Addition of Delta Super-Accelerant PU reduces the effect of air moisture in the Delta Roof Guard CP curing process. Nevertheless, it is recommended to follow the general guidelines of Delta Roof Guard CP, paying attention to the limitations of temperature and air humidity.

PREPARATION

Not necessary.

MIXING RATIO

Delta Roof Guard Super-Accelerant PU is delivered in pre-dosed containers with 1.5kg each, ready to use in a 25kg container.

Rough Guideline:

by weight

Delta Roof Guard CP: 100/Delta Super-Accelerant PU: 6

by volume

Delta Roof Guard CP: 100/Delta Super-Accelerant PU: 8

Do not use an excess of Delta Super-Accelerant PU. Excess of product can give rise to a loss of membrane properties.

MIXTURE PROPERTIES

Addition of Delta Roof Guard Super-Accelerant PU lowers viscosity of Delta Roof Guard CP. Depending on the temperature and initial Delta Roof Guard CP viscosity values, viscosity drop may be up to 50%. Please bear this in mind when considering application quantities.

MIXTURE PROPERTIES

Pour gently Delta Roof Guard Super-Accelerant PU into the Delta Roof Guard CP and mix with a low speed, stirring before use. Wait a few minutes before application and use the mixture, following the general guidelines for Roof Guard CP.

Addition of Delta Roof Guard Super-Accelerant PU has an effect on the viscosity and solids content of Delta Roof Guard CP. Please take this into account when calculating the amount and the thickness of Delta Roof Guard CP if a final coat of 1.5-2mm is to be obtained. After mixing, the modified Delta Roof Guard CP must be used entirely.

CURING TIME

Curing time is dependent on the environmental conditions. Curing rate increases with temperature and humidity rises. The following table gives a rough estimation of the curing time under diverse conditions for a 1mm coat.

Question	Answer
What if another ratio is used	Less Delta Roof Guard Super-Accelerant PU than needed makes curing time longer, but no damage is expected. Using more Delta Roof Guard Super-Accelerant PU than needed does not reduce drying time and will strongly damage final membrane properties.
What happens in cases of rain	Early rain-resistant, skin development takes place much faster than in Delta Roof Guard CP. Use of the Delta Super-Accelerant PU can, therefore, be highly recommended in case of risk of rain.
Could it be used for other moisture-cured polyurethanes	The formulation is not designed for use with other products. Please consult with Delta's technical team for further product specification.

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SAFETY

Delta Roof Guard Super-Accelerant PU contains flammable solvents. Always follow the instructions provided in the Material Safety Data Sheet and take the precautions provided. This product is to be used only by industrial or professional users. It is not suitable for DIY-type uses.

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. If there is some residual product in the containers, do not mix it with other substances without checking for possible dangerous reactions.



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.