

PATINATION CREAM – INSTRUCTIONS AS WRITTEN ON 5-LITRE CONTAINERS

Surface Preparation:

Following preparation and bossing of the lead bay and before final fixing into place, the underside surface should be treated with the passivation coating. The surfaces should be thoroughly cleaned and wire brushed to remove any mill scales, oxidation layers or previously formed corrosion products.

Application:

- The coating should be thoroughly stirred prior to use.
- It is recommended that one layer of building paper be placed over the substrate wood to allow the roof to breathe. This should be taped together and butt jointed and laid beneath the battens. Alternatively, the lead may be laid directly over the boards with no underlayer employed or a good quality 'water resistant' geotextile may be used. Note – the geotextile should be tested prior to use to assess its water resistant properties. Non-water resistant geotextiles wick-up rainwater into roof structures by as much as 1 metre.
- The coating should be brush applied to give a continuous thick coating of between 150 and 200 micrometers. This may require more than one coat, depending upon the environmental conditions at the time of laying. If the lead is to be laid over substrates that may emit organic acids during their life (oak, sweet chestnut, various hardwoods or man-made boards containing adhesives – plywood, particle board and others) then an increased coating thickness is recommended.
- The chalk enriched coatings may induce a small amount of capillarity of rainwater into the roof under severe exposure conditions. It is recommended that the coating be applied to some three quarters way around the inside of the roll (with or without splashlaps) leaving a 30mm uncoated allowance on the edge. For laps, an uncoated allowance should also be left at the bottom edge as follows:
 - 60° slope 70mm allowance
 - 30° slope 160mm allowance
 - 10° slope 220mm allowanceDrips and other details should be treated in a similar manner.
- The wood battens may also be coated to further enhance the passivation and protection treatment to the lead.
- The coatings should be fully dried before the panel is finally installed on the roof.
- Heating of the lead in cold weather, prior to application, will reduce the drying time.

Post Installation:

- Following installation of the lead bays or weatherings all spillages on the top surfaces should be removed using warm water.
- Care should be taken when using this product with topside patination oil. Use separate brushes and cloths otherwise surface staining and streaking may occur on the topside lead.

Cleaning:

Brushes and other surfaces may be cleaned in water.

Manufactured by:

Rowan Technologies Ltd, 216 Church Road, Urmston, Manchester. Tel: 0161-748-3644 Historic England gives no warranty in connection with the use of this product 5 Litre e