

Fire Retardant UK Ltd

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APPLICATION INSTRUCTIONS FOR HR PROF

HR Prof works on the basis of absorption, not on the number of coats, the absorption rate for HR Prof on most wood species is 300 gms per m² (270 m/l) 3.7 m² per litre, in the case of Western Red Cedar the absorption requirement is higher, 400 gms (360 m/l per m²) 2.75 m² per litre.

Application by Brush, Roller, Spray, Dip or Vacuum.

The rate of absorption will vary dependent on a number of factors i.e. wood species, rough sawn wood, planed all round (PAR) wood, and moisture content, which should be below 20%.

Cut ends should have HR Prof re-applied with a minimum of two coats.

Example: 100 m² of Siberian Larch face area would require the application of 27 litres of HR Prof plus 5% extra for overspray/spillage, if rough sawn wood, 1 or 2 coats should be sufficient to absorb the full 27 litres - PAR wood may require 2, 3 or more coats to achieve the same amount of absorption.

However many coats are applied ALL of the liquid must be used on a given m² face area.

In a factory-controlled environment, the application rate may be governed by weight to assess and confirm the correct take-up of the liquid.

Christopher J Dilks (Managing Director)
Fire Retardant UK Ltd