



Impralit® ACQ Preserved Wood

Consumer Information Sheet

Impralit® ACQ Preserved Wood

Wood is one of the world's few renewable resources. Softwood from sustainable plantations relieves pressure on the world's limited tropical hardwood resource and avoids the use of polluting non-renewable products like steel, concrete and plastics. However, softwoods need protection from decay, insects and termites in order to perform to our expectations. The Impralit® ACQ preservative system provides long-term protection from decay, insects and termites, using ingredients with minimum health and environmental hazard. Impralit® ACQ preserved wood is wood treated with Impralit® ACQ and is a renewable wood product with a low environmental impact.

Biocidal Products Regulations EU528/2012

Impralit® ACQ preserved wood incorporates biocidal products Copper and "Quat" giving protection against wood destroying fungi and insects. Copper is a fungicide approved for use in many applications including organic farming. "Quat" is a common disinfectant found in numerous everyday products including many household cleaning products, hospital disinfectants, bactericidal hand wash and sticking plasters.

History of Impralit ACQ

ACQ is a preservative chemical that was first registered as a wood preservative in the late 1980's. Since then Impralit® ACQ preserved wood has been exposed to continuous scientific tests and has been in commercial use all over the world in all climates. Impralit® ACQ preserved wood will provide many years of satisfactory performance provided it is applied correctly to the wood by vacuum pressure impregnation, at an industrial timber impregnation plant.

Impralit® ACQ preserved wood products must be used responsibly by the user, for the purpose for which they were manufactured.

Impra Wood Protection Limited
Registered in England and Wales
No. 04050539
Park Road Industrial Estate
Barrow in Furness
Cumbria LA14 4EQ
United Kingdom

Tel: +44 (0) 1229 877533
Email: sales@impra.co.uk
www.impra.biz

VAT No: GB 166 2648 88

HOW TO ENSURE SAFE USE

1. It is a statutory condition of use that, “Freshly treated timber must be stored until surfaces are dry, within a bunded area on a site maintained to prevent loss of treatment product to the environment.” Freshly Treated Timber must not be despatched until surfaces are dry.
2. If Impralit® ACQ preserved wood is to be used for specialist applications such as children’s playground equipment, or in intimate contact with animals and fish, it should be held until completely dry following impregnation, and then scrubbed and hosed with water to remove surface deposits, before despatch.
3. If it is necessary to machine or sand Impralit® ACQ preserved wood, take care not to inhale wood dust which is abrasive. An efficient dust extraction system should be used. Wear a dust mask where appropriate.
4. Disposal of Impralit® ACQ preserved wood offcuts, sawdust or waste must be carried out safely in a manner approved by the Local Authorities – this is usually by landfill or controlled burning in an approved waste incinerator.
Do not use Impralit® ACQ preserved wood as barbecue fuel, domestic fuel or for animal bedding or litter.

HOW TO ENSURE EFFECTIVE USE

1. All wood used outdoors in contact with ground or long term damp conditions should be treated with Impralit® ACQ to “USE CLASS 4” specification.
2. If wood is to be used for specialist applications including Immersion in Water, Telegraph Poles, Bridges, Landscape Retaining Walls, Horticulture, Agricultural Buildings or Equestrian Ménages etc, consult Impral Wood Protection Ltd for specialist preservative specifications.
3. Only treat timber products in their final dimensions.
4. Impralit® ACQ preserved wood should be re-dried to a moisture content compatible with its end use before installation.
5. The design of a structure should avoid the formation of water traps or areas where dirt or soil could accumulate.

6. Re-working of Impralit® ACQ preserved wood before or during installation must be avoided. Impralit® ACQ preserved wood must never be rip sawn, planed or re-profiled along its length. If this does take place, the treatment process will be compromised. The re-sawn or re-profiled wood must be returned to the treatment plant for vacuum pressure re-treatment prior to use.
7. Essential installation work must be limited to minor woodworking such as cross cutting, boring, drilling or notching.
8. All wood surfaces exposed by drilling, notching or cross cutting must then be given two liberal brush coats of an approved Cut End Preservative. Brush dip or spray treatments are superficial and never as good as Vacuum Pressure Impregnation. For this reason cross cut, notched, drilled or re-worked ends of an Impralit® ACQ preserved wood component must never be installed in ground contact or in any application where the wood is likely to remain wet for prolonged periods.
9. For fence construction the fencing standard, BS 1722, must be followed.
10. For other constructions the relevant building codes or best practice must be followed.

Compatibility with other materials

1. Impralit® ACQ preserved wood can be painted stained or varnished provided the recommendations of the manufacturer of the finish are followed. Typically this requires the wood to be clean dry and free from grease and surface deposits.
2. Impralit® ACQ preserved wood can be glued provided the recommendations of the manufacturer of the adhesive are followed.
3. Any timber product exposed to damp conditions will initiate corrosion of fixings unless they are corrosion resistant. Mild steel or electroplated steel fixings are not suitable for wood used outdoors. Impralit® ACQ preserved wood is no exception, so when used outdoors, use good quality corrosion resistant fixings such as stainless steel or hot dip galvanised mild steel.

4. Impralit® ACQ preserved wood is not compatible with aluminium. Precautions should be taken to avoid direct contact with aluminium (eg: cladding)
5. Where cement comes in contact with Impralit® ACQ preserved wood, do not create a water trap. Water must be able to freely drain away from the Impralit® ACQ preserved wood in situ.

This information on this document is provided in good faith. However, the supplier cannot accept responsibility for any liability arising from the use of the product which is out of our control.

Our products will give years of satisfactory performance when used appropriately.

If you have any applications or any questions not addressed by this information sheet please contact Impral Wood Protection via your retailer for further information.