

# Technical Data Sheet

Date of compilation: 04/08/2021

## ARC WATERPROOF WOODWORK ADHESIVE

### DESCRIPTION

Arc Waterproof Woodwork Adhesive is a modified, polyvinyl alcohol stabilised, vinyl acetate homopolymer dispersion containing coalescing solvent.

Arc Waterproof Woodwork Adhesive is a cost effective, water resistant, wood adhesive which conforms to the requirements of category D3 of EN204.



### PROPERTIES AND USES

Arc Waterproof Woodwork Adhesive is designed as a one-pack, ready-for-use, water resistant wood adhesive to meet the requirements of category D3/4 and D3/4 of EN204 and in addition it gives a fast rate of bond strength development. Category D3 of EN204 covers the use of wood adhesives in applications where joints may be subjected to short term water contact or exposure to high humidity, for example as in kitchen work surfaces, window frames, doors and stairs. In addition, Arc Waterproof Woodwork Adhesive meets the resistance to sustained load (creep test) requirements of BS 4071 "Polyvinyl Acetate (PVA) Emulsion Adhesives for Wood".

It should be noted that on extended storage, Arc Waterproof Woodwork Adhesive may tend to structure, especially in cold conditions. This effect is generally reversible on slight stirring, in addition there may be some increase in viscosity but this will not detract from the application properties or performance.

### TECHNICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
Total Solids	45-47%
Viscosity @ 23°C Brookfield RVT 5/20 Poise	80-150
mPa.s	8000-15000
PH	2.5-3.5
Film appearance	Hard, translucent
Specific Gravity	>1.02
Minimum film forming Temperature	5°C

### STORAGE

To ensure safe storage of Arc Waterproof Woodwork Adhesive, containers should be well sealed to prevent evaporation of water and the formation of skin on the surface. The emul-

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sion must be stored at a temperature above freezing.

A temperature of 5-25°C for not more than six months is recommended. Higher temperatures will affect quality and cause the formation of crusts and skins, especially if the containers are not tightly closed or subjected to direct sunlight for long periods.

If these conditions cannot be met, please refer to our Technical Service Department who will advise on storage stability.

### PRESENTATION

250ml - 24 units/box | 500ml - 20 units/box | 1lt - 12 units/box | 25lt - 1 unit

### HEALTH & SAFETY

Please refer to the Material Safety Data Sheet for safety and environment information. Arc Waterproof Woodwork Adhesive is not classified as dangerous according to EU Directive 1999/45/EC and does not require any special labelling.

### NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail [technical@arcbuildingproducts.ie](mailto:technical@arcbuildingproducts.ie). Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.