

## DIY Adhesives

**Araldite® Crystal Fix**

## 1-component transparent acrylic adhesive

**Other commercial names**

- Araldite® Cristal Fix
- Araldite® Crystal Montage

**Key properties**

- High tack, immediate fixing
- Transparent after drying
- Highly flexible
- Good adhesion onto a wide range of substrates

**Description**

Araldite® Crystal Fix is a 1-component acrylic dispersion adhesive with high tack which enables immediate fixing of a bonded assembly. Araldite® Crystal Fix is transparent and ideally suited to bonding interior fittings, such as wood (skirting, dados, cornices...), brickwork, plastics (PVC fascia, electrical fittings), plaster and polystyrene mouldings, metal, stone, ceramic and glass.

**Product data**

Colour (visual)	White (transparent after drying)
Specific gravity	1
Sag resistance	> 10 mm

**Processing**
**Application of adhesive**

**Important:** At least one of the surfaces to be bonded must be absorbent (e.g. brick, concrete, stone, plaster, wood). When this is not the case, use Araldite® Outdoor Fix.

The adhesive can be applied directly from a cartridge or spread with a spatula to the clean and dry joint surfaces.

A layer of adhesive of 2 mm to 5 mm thickness will normally impart the greatest flexibility of the joint.

The joint components should be assembled and clamped as soon as the adhesive has been applied. An even contact pressure throughout the joint area will ensure optimum drying.

**Drying Speed**

Drying temperature range	15 – 40 °C
Skin formation time at 23 °C / 50% relative humidity	20 - 30 minutes
Drying rate at 23 °C / 50% relative humidity	1 – 2 mm / day



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## Typical cured properties

The figures below were determined with typical production batches using standard testing methods. They are provided solely as technical information and do not constitute a product specification.

<b>Shore A hardness (ISO 868)</b>	<b>26</b>
Drying 3 weeks at 23°C / 50% Relative humidity	
<b>Lap shear strength wood / wood (ISO 4587)</b>	<b>5 MPa</b>
Drying 7 days at 23°C / 50% Relative humidity	

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## Storage

Araldite® Crystal Fix can be stored 1 year at room temperature in a dry place at room temperature in the original cartridge.

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## Handling precautions

### Caution

Our products are generally quite harmless to handle provided that certain precautions normally taken when handling chemicals are observed. The uncured materials must not, for instance, be allowed to come into contact with foodstuffs or food utensils, and measures should be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The wearing of impervious rubber or plastic gloves will normally be necessary; likewise the use of eye protection. The skin should be thoroughly cleansed at the end of each working period by washing with soap and warm water. The use of solvents is to be avoided. Disposable paper - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. These precautions are described in greater detail in the Material Safety Data sheets for the individual products and should be referred to for fuller information.

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