

**Product Information:**

# Aqua Tack 290

**A phthalate free, water based all-round fast curing construction adhesive.**

**General description and application:**

*Aqua Tack 290 is an extra strong and fast water-based construction adhesive for indoor use.*

*Aqua Tack 290 has a fast skin formation time, suitable for smaller application where a fast assembly, short press- and adjustment time are requested.*

*Aqua Tack 290 can be used for mounting of wood plates, skirting boards, wood strips, tiles, insulation materials etc. on absorbing materials.*

*Glues on wood, concrete, bricks, as well as on many other absorbent or porous surfaces.*

*For larger tasks, it is recommended to use e.g., Turbo Tack 291 or Construction Extra 292.*

*The product is registered in the database for construction products that can be included in the Nordic Ecolabelled construction.*

**Physical/Chemical Data:****Adhesive:**

Type:	Acrylic Dispersion
Colour:	White
Texture:	Pasty, tixotropisk
Solids:	Approx. 70%
Density:	Approx. 1.23 kg/litre
Shelf Life:	Minimum 24 months in unopened packing, when stored cool but frost free.

Item no.	Packing
29031	300 ml Cartridge

**Cured Adhesive:**

Colour:	White
Resistance:	Temperature: Approx. -10 °C to +70 °C, depending on the demands for strength. The adhesive is thermoplastic (ie the strength decreases with increasing temperature). Water: Withstands moderate moisture, though not constant influence.



## Directions of use:

### Preparation:

The surfaces must be clean, dry and free of oil, grease, dust and loose particles.

In practice, variations can occur in different materials, therefore it is recommended to carry out sufficient bonding tests before commencing – particular in larger applications.

### Application Temperature:

Can be applied at temperatures from +5 °C to +30 °C.

Glue and items to be glued must have a temperature of at least +5 °C until the glue is fully cured. It is recommended to avoid strongly fluctuating temperatures during curing as this causes movement of the adhesive joint.

### Application:

The tip of the cartridge is cut with a sharp knife and the tip is cut with an inclined cut. The adhesive is applied with a hand- or pneumatic gun.

Aqua Tack 290 should be applied in glue strings of minimum 5 mm in diameter and with a mutual distance of approx. 15 cm for light items, and approx. 5 cm heavy items.

### Assembly time:

Within 3 minutes after applying of glue strings.

### Curing:

Skin formation at approx. 3 minutes at 23 °C and 50 % RH.

Curing in 1 - 2 days, depending on the materials, the nature of the application and the thickness of the glue strings

### Yield:

2 - 3 m<sup>2</sup>/cartridge, depending on dimensions and requirements regarding the strength.

### Mounting:

The items are immediately pressed into place in the wet glue with a firm pressure for at least 5 seconds, items are adjustable within 3 minutes. When mounting of larger and heavier items, it is recommended to support the items or use a stronger and more elastic glue such as Turbo Tack 291 or Construction Extra 292. It is not recommended to use Aqua Tack 290 for gluing of floors or structural elements.

### Cleaning:

Glue on skin can be removed with water and soap. Clean tools before the glue are dry. Cured glue can be removed mechanically or can be dissolved by acetone etc.

## Health and Safety:

For further information on safety, please refer to product safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

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