



ALCOLIN ARTIFICIAL GRASS ADHESIVE

Description

ALCOLIN ARTIFICIAL GRASS ADHESIVE is a high strength solvent-based adhesive designed for bonding artificial grass to a variety of surfaces both indoor and outdoor. It is ideal for installations around swimming pools, balconies and general outdoor areas that will be exposed to the elements.

Features & Benefits

- Bonds a variety of substrates.
- Good brushability for easy application.
- Long open time allowing for alignment of the artificial grass.
- Good heat and water resistance for exterior applications.



Applications

Ideal for bonding latex and rubber-backed synthetic grass to a variety of porous and non-porous surfaces including smooth sub-floors such as concrete, sand-cement screed and timber. Also suitable for bonding vinyl tiles and a variety of carpet backings.

Adhesion

Adheres a variety of rubbers typically found on the backing of artificial grass, as well as plasticized vinyl, cork, concrete and timber.

Limitations

- Do not apply adhesive if temperature is below 15 °C or above 35 °C.
- Not suitable for application onto oily or CCA treated timber.

Safety instructions

ALCOLIN ARTIFICIAL GRASS ADHESIVE is flammable; keep away from naked flames and ignition sources. As solvent vapors are narcotic, it is recommended to work in well ventilated areas. Do not breathe in vapors. For unventilated areas, a NIOSH approved respirator will be necessary. When working with the product, it is advisable to wear gloves and safety glasses in order to avoid direct contact with the skin or eyes. If product comes in contact with skin or eyes flush thoroughly and immediately with water. If irritation continues, seek medical attention. Keep out of reach of children! Refer to our Safety Data Sheets for further toxicological information and comprehensive handling instructions.

Surface preparation

- Surfaces must be clean, dry, and free of loose materials, dust, dirt, oil, and any other contaminants such as previously applied adhesives.
- Metal surfaces should be degreased with a solvent such as acetone.
- Very porous surfaces must be primed with a coat of ALCOLIN ARTIFICIAL GRASS ADHESIVE.
- Unroll artificial turf before adhering in order to relax the bends and folds. Particular attention must be paid to the artificial turf manufacturer's instructions. i.e. any pre storage conditions prior to installing.
- Do not lay artificial grass outdoors if rain is imminent.
- Poor surface preparation may result in glue failure.

Directions for use

- Ensure surfaces are prepared as above.
- Stir adhesive before use.
- Apply ALCOLIN ARTIFICIAL GRASS ADHESIVE to one surface with a 3mm 'V' notched trowel covering the entire surface area.
- A spread rate of approximately 3m² per liter should be achieved for a single-sided application. Coverage may vary depending on the condition of the subfloor. For coarser backings, it is recommended to use a larger notched trowel to ensure proper adhesive transfer to the backing.
- The open time of the adhesive is approximately 15 minutes. Spread only the amount of adhesive that can be covered within 15 minutes. Monitor the open time closely. If the adhesive is too dry, insufficient adhesive will transfer to the backing, resulting in a poor bond.
- Lay the artificial grass into the wet adhesive.
- Apply firm uniform pressure to the whole surface by rolling with a 25 – 30 kg roller. Roll both lengthwise and widthwise over the laid material. Roll again approximately 1 hour after application.
- Area may be trafficked after 24 hours.

Cleaning

Tools and brushes may be cleaned with solvents such as toluene, acetone or thinners immediately after use.

Storage stability

ALCOLIN ARTIFICIAL GRASS ADHESIVE has a shelf life of at least 12 months if stored in a cool (below 25°C), dry place in its original moisture-tight container. If the material is kept beyond the recommended shelf life, it is not necessarily unusable. A check should be performed to observe whether the product has not separated, thickened, or shows signs of bacterial degradation (bad smell, discoloration and low viscosity). To maximize the shelf life of the opened container, ensure that the packaging is closed to create an airtight environment when not in use. If the package is left open for long periods, the glue will thicken due to solvent evaporation. It is recommended to stir product before use to ensure even consistency.

Product packaging

- 5L tin

Product data

TECHNICAL DATA SHEET

i. Physical data

Type	Solvent-based polychloroprene adhesive
Appearance	Viscous liquid drying to a tough, elastic yellow film
Solids	Approximately 20%
Density	Approximately 0.85 g/cm ³
Viscosity	Approximately 2500cps

ii. Application data

Application temperature	15°C to 35°C
Coverage	Approximately 3m ² per litre
Open time (solvent flash off time)	15 minutes (ambient conditions)
Full cure	After 24 hours

iii. Performance data

Heat resistance	~75°C
Water resistance	Very good

The above information is only offered, as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for problems caused by the use and/or application of this product.

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