



# D811-23-S PREMIUM DECKING ADHESIVE

Duradek's D811-23-S is a fast drying, high performance contact adhesive that provides excellent initial tack, extended open time and high strength bonds to a variety of flexible and rigid substrates.



## Suggested Applications

- Porous & Nonporous Materials
- Plywood
- Particleboard
- Flexible & Rigid PVC
- Metal
- Concrete/Cement Board

## Key Performance Features

- Water Resistant
- Oil Resistant
- Grease Resistant
- Retains adhesion over a wide range of temperatures
- Working Time 15 To 40 Minutes
- Excellent Weathering Properties
- Excellent Aging Properties

## Typical Physical Properties

- Colour: Yellow
- Odor: Solvent Odor
- Base: Polychloroprene
- Relative Density: 0.8250 +/- 0.01 Gms/Cc
- Viscosity: Approx. 1000+/- 100 Cps
- Bonding Range: 15 To 40 Minutes
- Flash Point: Approx. -22°C T.C.C est (Hexane)
- Total Solids: 21.5% +/- 1% (2 Hours @ 135°C)
- Total VOC's\*: 627g/L
- Heat Resistance: Approx. >80°C
- Recommended Shelf Life: 6 Months
- Freeze/Thaw Stable: Stable, if frozen, allow adhesive to return to room temperature & stir well before use

## Reduction And Clean-Up

- Reduction: None Required
- T5122 /Toluol: As Wash-Up

## Typical Coverage

- Coverage: Approx. 400 Ft<sup>2</sup>/Pail (80 Ft<sup>2</sup>/Gallon)

## Packaging Available

- 5 Gallon (18.9 L) pail

*\*For installations in VOC regulated areas, this adhesive can only be used as a perimeter bonding adhesive.*

## END-USER DIRECTIONS

### Surface Preparation

- Surfaces to be bonded must be clean and dry - remove all dirt, dust, oil, etc.
- Nonporous surfaces should be cleaned with T5122 Toluol

**NOTE:** D811-23-S will perform between 10° C (50° F) and 40° C (105° F).

### Bonding Schedule: PVC Decking Application

- Stir well before using
- Apply with brush or roller
- Apply a smooth uniform coat on pvc membrane / dry to touch
- Apply one or two smooth coats on plywood. Make sure adhesive is dry to touch between coats
- Combine pvc and plywood with good positive pressure. Make sure that there is 100% contact in all bonded areas.
- Both bonding surfaces must be allowed to dry at least 15 minutes / dry to touch before mating

**NOTE:** Surfaces should be tack-free to the touch before bonding.

- For best results surfaces should be joined within 40 minutes after application of adhesive
- Apply pressure to the entire area using a plastic spreader
- For large surfaces, work from the centre towards the edges to avoid bubbles or air pockets
- Store adhesive in sealed containers

## Safety

During application, always wear eye protection, gloves and appropriate work clothing to minimize contact. Use a respirator and safety glasses at all times when spraying.

Explosion proof ventilation is required with special consideration for enclosed or confined areas. Use caution when handling flammable liquids and eliminate sources of ignition and uncovered containers from the work place. Vapours formed from this product may travel or be moved by air currents and ignited by pilot lights, light switches, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the product.

Disposal of chemicals and their solutions should be done according to local, provincial and federal regulations.

Product material safety data sheets are available and should be consulted when handling products. These products are for industrial and professional use only; application directions must be followed.