

D-225HS

Ethylene vinyl acetate emulsion adhesive

**DAEHEUNG CHEMICAL**

D-225HS is an ethylene vinyl acetate copolymer emulsion adhesive which is excellent in initial bonding for PVC sheet surface and good workability. This adhesive is good strength of bonding for cold and heat resistance.

1. Uses

- Particle board bonding for soft PVC film of semi rigid PVC sheet.
- Plywood bonding for soft PVC film or semi rigid PVC sheet.
- Particle board and plywood bonding for emboss PVC sheet.

2. Characteristics

- Excellent in initial and final bonding strength.
- Very good workability.
- No trouble in finish work. (No damage to the teeth of sawing device)
- Good strength of bonding for PVC film.

3. Physical properties

Properties	Value
Main component	Ethylene vinyl acetate copolymer
Color	Milk-white and viscous liquid
Specific gravity	$1.08 \pm 0.04 \text{ g/cm}^3$ (at 20 °C)
pH	6~8
Solid contents	$55 \pm 2 \%$ (at $105 \pm 5^\circ\text{C} \times 3\text{hr}$)
Viscosity	$19,000 \pm 1,000 \text{ cps}$ (at 18 °C, RION VT-04 #2)
Shelf life	9months in unbroken package under dry and cool condition

4. How to use

- Remove all dirt, grease, water and rust from the bonding surface before applying.
- Wood, room and glue temperature: 15 °C ~25 °C
- Wood moisture: 8~12%
- Humidity: 65~75% RH

● Applied amount

PVC film 0.2mm below	90 ~ 120 g/m ²
PVC film 0.2mm up	120 ~ 150 g/m ²
Emboss PVC film	110 ~ 130 g/m ²

● Dry

- Open time 20min
- Prohibit the re-bonding.

● Pressure

PVC film 0.2mm below	0.5 ~ 1.0 kg/cm ²
PVC film 0.2mm up	1.0 ~ 3.0 kg/cm ²
Emboss PVC film	0.5 kg/cm ²

● Press time: 6~12hr

● Press temperature: 15~20℃

5. Caution

- Avoid direct rays of the sun and keep in cool and dry place
- Use with adequate ventilation.
- The brush and other tools for spreading the adhesive, the stain parts and hands, etc, should be cleaned by wiping or washing with water.
- Store at room temperature.
- Close the cap tightly after using it.
- Don't use except for the original purpose.

6. Packaging

- 18kg C/N
- 200kg, 1ton D/M

Please contact us for further information or see Material Safety Data Sheet (MSDS) for this product.

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