

DM-700(A,B)

For MDF Membrane



DAEHEUNG CHEMICAL

DM-700(A,B) is two component poly-urethane base adhesive, which is the good workability and bonding strength, heat resistance for the PVC DECO film to MDF materials.

1. Uses

- Membrane bonding for profiles of chipboard, MDF, solid wood, plywood on PVC film.
- Adhesion for PVC sheet, hard board, etc.

2. Characteristics

- Good initial and final bonding strength.
- Good work ability of spray.
- Cold weather and heat resistance.
- Good flexibility.

3. Physical properties

Properties	DM-700H(A) (Resin)	DM-700(B) (Hardener)	Reference
Main component	Urethane resin	Poly isocyanate	
Color	Clear & yellow viscous liquid	Dark brown & viscous liquid	
Solid contents	10.5~12.5 %	20±1 %	at 105±5℃ × 3hr
Viscosity	150~250 cps	Below 200 cps	at 20℃, BF #2, 50rpm
Mixing ratio	14	0.83	By weight
Pot life	8 hr		at 20℃
Curing time	24 hr		at 20℃
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.
- For hand mixing, combine Part A and Part B in the correct ratio and mix thoroughly.
(Mixing ratio is A:B=14:0.83 by weight.)

- Spray gun Diameter : 1.0~2.5 mm
- Press : 5~6 Kgf/cm²
- Applying amount: 150~200 g/m²
- Dry condition : 30 min (20~25 °C)
- Chamber temperature and press time : 120±10 °C, above 120 sec
- Use profile membrane machines.

5. Caution

- Avoid direct rays of the sun and keep in cool and dry place.
- Use the adhesive within pot-life.
- Close the cap tightly after using it.
- Ventilation the room well because of containing solvent.
- Don't use except for the original purpose.

6. Packaging

- DM-700(A) [Resin]: 14kg Tin C/N
- DM-700(B) [Hardener]: 835g PE C/N

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

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