

# DM-700NF(A,B)

For MDF Membrane with non-flammable

**DAEHEUNG CHEMICAL**

**DM-700NF(A,B) is two-component poly-urethane base adhesive, flame retardancy is excellent, 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.
- This excellent flame retardant and flame retardant performance delivers
- Good work ability of spray.
- Cold weather and heat resistance.
- Good flexibility.

## 3. Physical properties

Properties	DM-700NF(A) (Resin)	DM-700(B) (Hardener)	Reference
Main component	Polyurethane resin	Polyisocyanate	
Color	Milk white viscous liquid	Dark brown & viscous liquid	
Solid contents	20±1 %	20±1 %	at 105±5℃ x 3hr
Viscosity	350~450 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/cm<sup>2</sup>
- Applying amount: 150~200 g/m<sup>2</sup>
- Dry condition : 30 min (20~25 °C)
- Chamber temperature and press time : 120±10 °C, above 120 sec

- Use profile membrane machines.

## 5. Caution

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- 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

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- DM-700NF(A) [Resin]: 14kg Tin CAN
- DM-700(B) [Hardener]: 835g PE

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

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