

DW-90(A,B)

For profile wrapping

**DAEHEUNG CHEMICAL**

DW-90(A,B) is two component poly-urethane base adhesive, which is the good workability and bonding strength for the profile wrapping of PVC sheet and film to wood and plastic.

1. Uses

- For wrapping profiles of chipboard, MDF, solid wood, plywood on PVC film.

2. Characteristics

- Good initial and final bonding strength..
- Cold weather and heat resistance.
- Good flexibility.

3. Physical properties

Properties	DW-90(A) (Resin)	DW-90(B) (Hardener)	Reference
Main component	Urethane resin	Poly isocyanate	
Color	Clear & yellow viscous liquid	Dark brown & viscous liquid	
Solid contents	27±1 %	More than 98 %	at 105±5℃ x 3hr
Viscosity	8,000±500 cps	200±50 cps	at 20℃, RION VT-04 #1
Specific gravity	1.3±0.1 g/cm ³	1.2±0.1 g/cm ³	at 20℃
Mixing ratio	20	1	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

- For hand mixing, combine Part A and Part B in the correct ratio and mix thoroughly.
(Mixing ratio is A:B=20:1 by weight.)
- Use profile wrapping machines.
 - Applying amount: 100~250 g/m²
 - Line speed: 15~30 m/min
 - Drying channel temperature: 65±10 °C
 - Coating method: Knife coater, doctor blade etc.

TECHNICAL DATA SHEET – DW 90(A,B)

- By applying an adhesive on one side of the adhering members (SHEET PVC) through the dryer of less than about 70 °C causes evaporation of the solvent.
- On the other hand, by introducing a large size to be adhered, such as MDF or PB subsequently remove the suction dirt, dust, etc., and pre-heated in a hot air such as INFRA RED
- By continuously applying and adhering to the preheated PVC SHEET chief judge and proceed to curing and processing.
- Should be allowed to stand for curing at a temperature of 20~40 °C, it must usually curing at 20~40 °C, 24~48 hr time to become fully cured.
 - ※ Specification of the adhesive can be adjusted slightly depending on aptitude, job and workplace conditions for depositing material types and 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

- DW-90(A): 18kg Tin C/N
- DW-90(B): 0.9kg PE C/N

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

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