

DW-42NF(A,B)

For wrapping with non-flammable

**DAEHEUNG CHEMICAL**

DW-42NF (A,B) are two-component poly-urethane as adhesive, flame-retardant is excellent, in particular a product that has excellent workability and adhesion to resist printing operations, such as PVC sheet and film and the wood.

1. Uses

- Wrapping adhesive for bonding the forest products and PVC film and sheet of wood, MDF, PB, plywood, etc.

2. Characteristics

- Good initial and final bonding strength.
- This excellent flame-retardant and flame retardant performance delivers
- Excellent in cold weather and heat resistance.
- Acid resistance, chemical resistance, and excellent durability, and less shrinkage for the column.

3. Physical properties

Properties	DW-42NF(A) (Resin)	DW-40(B) (Hardener)	Reference
Main component	Urethane resin	Poly isocyanate	
Color	Milk white viscous liquid	Dark brown viscous liquid	
Solid contents	46±1 %	More than 98 %	at 105±5℃ x 3hr
Viscosity	6,800~7,400 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	3 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, Roller etc.
- 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-42NF(A) [Resin]: 18kg Tin C/N
- DW-40(B) [Hardener]: 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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