



neoflex

ADHESIVES

ADHESIVES FOR PROFILE WRAPPING WOOD INDUSTRY PUR

From the beginning of time, mankind has been researching and developing improvements for our homes, seeking higher security, comfort and protection from the environment. In addition, they look for aesthetic finishes and design, and in this aspect, wood moldings are a very demanded option thanks to the elegance they provide.

Profiles wrapped with decorative films are currently used for door frames, skirting boards, window sills, drawers, etc.

The improvements in applications systems and in melting the adhesives have led to faster production lines, where it is very important that the adhesives meet the requirements of the process.





PUR ADHESIVES
Profile wrapping



PUR hot melt adhesives react with the moisture present in the environment during the process of production or with the moisture present in the materials, resulting in thermostable glueing.

These types of adhesives are being increasingly demanded due to the multiple advantages they offer, particularly the possibility of increasing the speed of production processes and increasing the resistance to temperature, hydrolysis and other external agents.

NEOTHERM PU-3512 is our most recommended adhesive thanks to its wide range of applications at different working speeds, with very diverse environmental conditions.

PUR adhesives have two different curing processes:

- Firstly, there is a physical process of change of state from liquid to solid, by cooling, that provides the initial cohesion.
- Then, there is a chemical reaction with moisture, which gives the product high resistance to temperature and extreme environmental conditions.

NEOTHERM PU	3545	3352	3571	3512	2691 L
Viscosity (mPas/140°C)	20.000 ± 5.000	30.000 ± 5.000	45.000 ± 10.000	27.500 ± 7.500	22.500 ± 7.500
Processing temperature (°C)	110 - 150	110 - 150	110 - 150	110 - 150	110 - 150
Initial strength	B	A	A	A	A
Open time	■■■■	■■■■	■■■	■■■	■
Application	└─ Standard profile wrapping of MDF, with PVC film and paper		└─ Standard profile wrapping of MDF, with PVC film, paper, veneer and CPL.		

Initial strength: **A** Excellent **B** Good **C** Medium
 Open time: ■ Very short ■■ Short ■■■ Medium ■■■■ Long



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