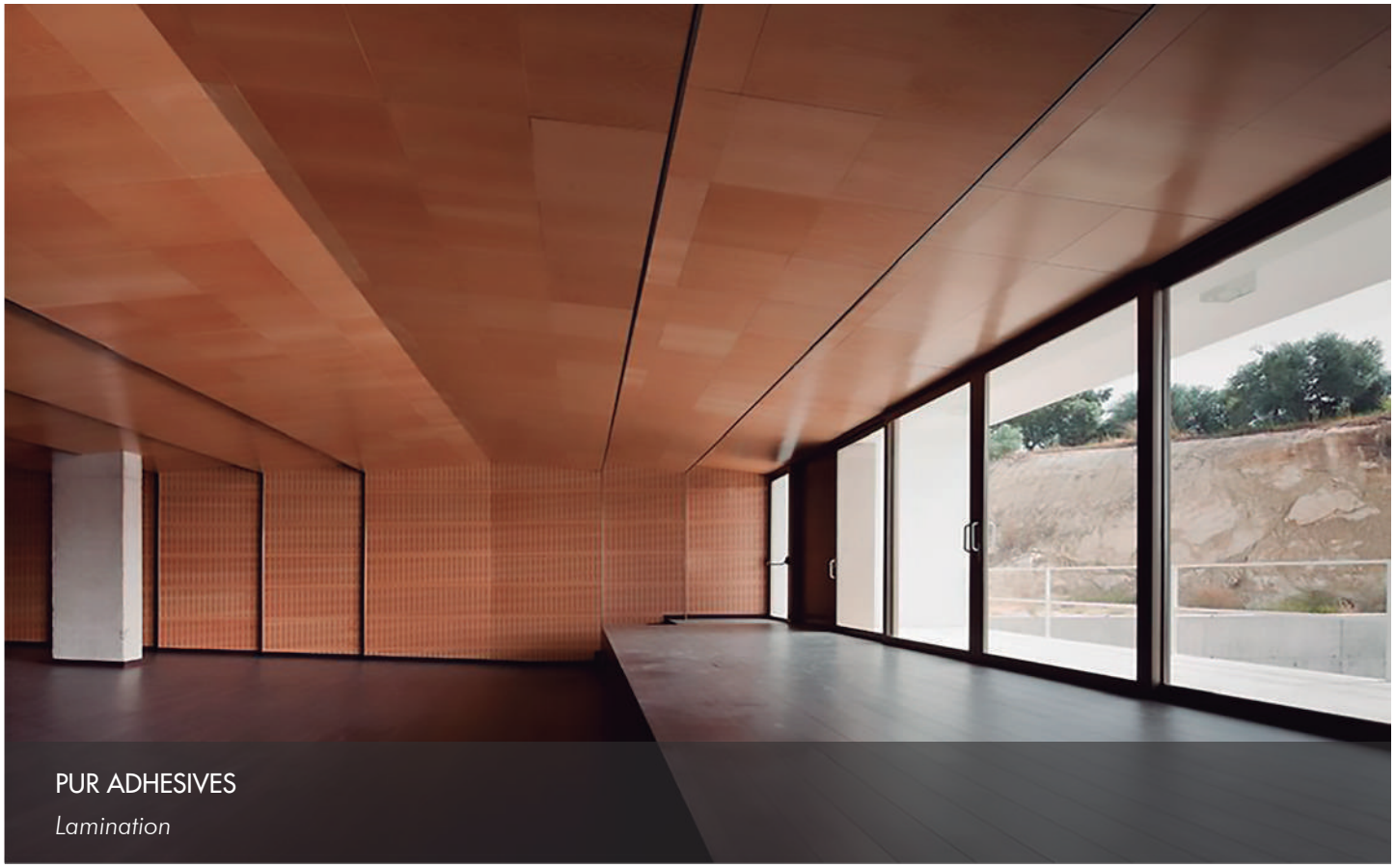
ADHESIVES FOR LAMINATION

PUR

Wood has become one of the fundamental resources of construction and design. The need of the human beings to feel in touch with the nature makes them prefer these materials, besides the elegance and warmth that they provide.

Due to the large variety of materials currently used, the need to increase the speed of production processes and society's demand to use more environmentally friendly adhesives, the use of polyurethane reactive hot melts for the lamination of panels is very widespread.

Neoflex PUR adhesives for lamination are applied on a wide variety of surfaces with excellent results, always meeting the highest quality standards.



PUR ADHESIVES

Lamination

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-3418 RF MLE - New adhesive **Monomer Low Emission** for lamination. Hazard-free labelling with same performance as its traditional version.

NEOTHERM PU	3565	3669	3418 3418 RF MLE Monomer Low Emission	2943	2787 F 2787 F MLE Monomer Low Emission	2972	3133
Viscosity (mPas/120°C)	17.500 ± 2.500	10.500 ± 2.500	7.500 ± 2.500 7.500 ± 2.500 MLE	7.500 ± 2.500	12.500 ± 2.500 15.000 ± 5.000 MLE	10.500 ± 2.500	12.500 ± 2.500
Processing temperature (°C)	110 - 150	110 - 150	110 - 150	110 - 150	110 - 150	110 - 150	110 - 150
Open time	▬▬▬	▬▬▬	▬▬▬	▬▬▬▬	▬▬	▬	▬▬▬
Initial strength	A	A	B	C	A	A	B
Application	General bondings		Low emission of free monomer isocyanate < 0,1 % (MLE)		Sandwich elements with high initial strength	Low emission of free monomer isocyanate < 0,1 % (MLE)	Specific ceramic, glass and metal elements.

Initial strength: A Excellent, B Good, C Medium

Open time: ▬ Very short, ▬▬ Short, ▬▬▬ Medium, ▬▬▬▬ Long

N-09-EN-REV 08
18/02/2021

www.neoflex.es

neoflex ADHESIVES

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