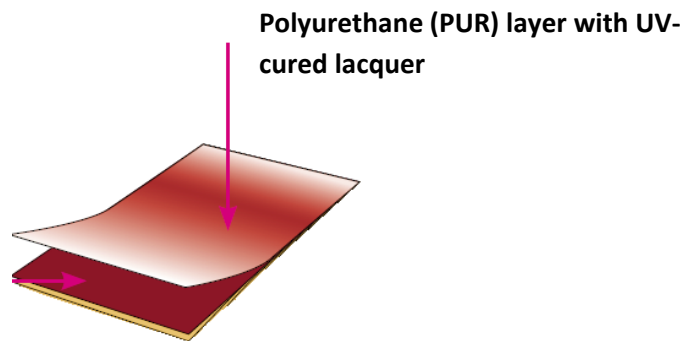## What is PurTflex Technology?

PurTflex is a breakthrough coated film for moulding, designed and developed by *Moulures Transform*. What makes PurTflex so leading edge is its unmatched scratch resistance and flexibility. Developed using revolutionary technology, the process involves extruding a thin layer of polyurethane (PUR) covered with a multi-layered UV lacquer coating onto a polyurethane-treated decorative paper.

The results are striking, enabling the film to conform to the angles of the mouldings. Completely foldable, the product leaves no white creases or cracks. Thanks to its unique technology, the PurTflex coating delivers unprecedented evenness and precision, and an exceptionally high-quality and durable finish.

PUR FLEX

Polyurethane (PUR) layer with UV-cured lacquer

Decorative paper (solid colour or pattern) infused with PUR

Benefits of PurTflex Products

Resistance
Thanks to its UV lacquer protective layers, PurTflex is extremely resistant. In abrasion tests, the PurTflex coating remained fully intact after hundreds of testing cycles.

Flexibility
Since the papers used are coated with highly-flexible polyurethane lacquer, providing durability, PurTflex is very resistant to impact. Easily pliable, the coated film can conform to any shape, even mouldings with sharp radius, without any cracks or creases.

Perfect Match

With PurTflex, it is possible to use the same decorative papers as those used for the manufacture of TFL products (melamine). Because the polyurethane and lacquer involved in this process are transparent, the mouldings and panels can be perfectly matched.

Economical

Due to its outstanding durability and strength, under normal use, PurTflex will retain its original appearance and therefore offers excellent value for money.

Versatile

PurTflex mouldings are suitable for any interior design as well as a multitude of applications, including suspended ceilings, interior doors, cabinet doors and any other decorative uses.

Very high scratch resistance

Heat resistant

Easy to maintain

Resistant to household chemicals

Extremely high resistance to abrasion

High UV protection