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## Membrane pressing 3-D wrapping

## One-component – but reactive

**Jowapur® 150.00 und 150.50, our new one-component and reactive PU dispersions, meet the latest demands of this industry.**

The customer orders one single product, with the crosslinker incorporated by Jowat, in the exact dosage and optimum homogenous mix with the adhesive. Pot life will no longer be an issue, nor will the usual disposal considerations for unused adhesive remnants.

**Jowapur® 150.00/150.50** can be used for all standard types of foil, (PVC, Polyolefine, PET) and is not more expensive than the usual two-component adhesives. When looking at the processing sequences, it becomes obvious that savings can be substantial, and this is due to the facilitated cleanup (only once per week) and the incorporation of the crosslinker (no mixing). Processing



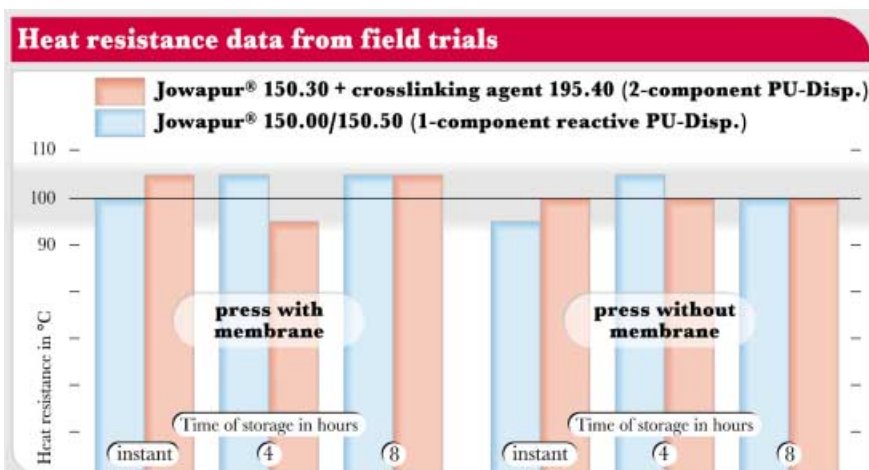
*With the innovations Jowapur® 150.00 und 150.50, wishful thinking became reality for the manufacturers of 3-D wrapped components.*

is done on standard applicator units and systems, the pressing parameters can be maintained, and the characteristics of the parts manufactured with regard to adhesion, heat resistance etc. are comparable to the conventional products (see illustration below).

Extensive field trials have also shown that it is possible to achieve almost identical results for presses with or without membranes. **Jowapur® 150.50** has been especially formulated for low-heat applications. The ideal activation temperature in the glue line is  $\geq 65^\circ\text{C}$  for this adhesive. Reduced by about  $5^\circ\text{C}$  in comparison to **Jowapur® 150.00** which requires approx.  $70^\circ\text{C}$  in the glue line. The list below underlines the many advantages of the one-component, reactive PU dispersions.

### Advantages of Jowapur® 150.00/150.50 (1K + reactive):

- only one product to order and to store (easier logistics)
- no weighing, no mistakes (savings in time, staff und costs)
- no mixing unit is necessary (savings in costs)
- no pot life to observe (easier handling, no disposal or remnants)
- wider processing window (no drawbacks versus 2-component systems)
- simplified cleaning (1 x per week is sufficient)
- 6 months shelf life
- excellent sprayability (minor overspray, reduced odour formation)
- always reproducible, high quality bonding results (safety)
- no higher costs (compared with 2-component systems)



## More than adhesive – First-class bonding