

RECORDED BENEFITS

- Strength characteristics improved
- Print delamination during printing minimized
- Less board downgraded
- Production of grade increased due to better and more consistent quality

New Dry Strength Increases Strength of Folding Box Board

Hercobond™ 7700-EU Dry Strength

Customer Challenge

A coated folding box board producer producing three plies (mixed Bleached Chemi-Thermo Mechanical Pulp / BK in the mid-ply) was experiencing delamination problems at the print house.

The mill was having difficulties to correlate the problem with tests performed on finished board such as Scott Bond, Z-Strength, IGT and internal peeling test. Low test results indicated print delamination issues. Applying 2 g/m² of sprayed starch between the top and middle plies did not solve the issue.

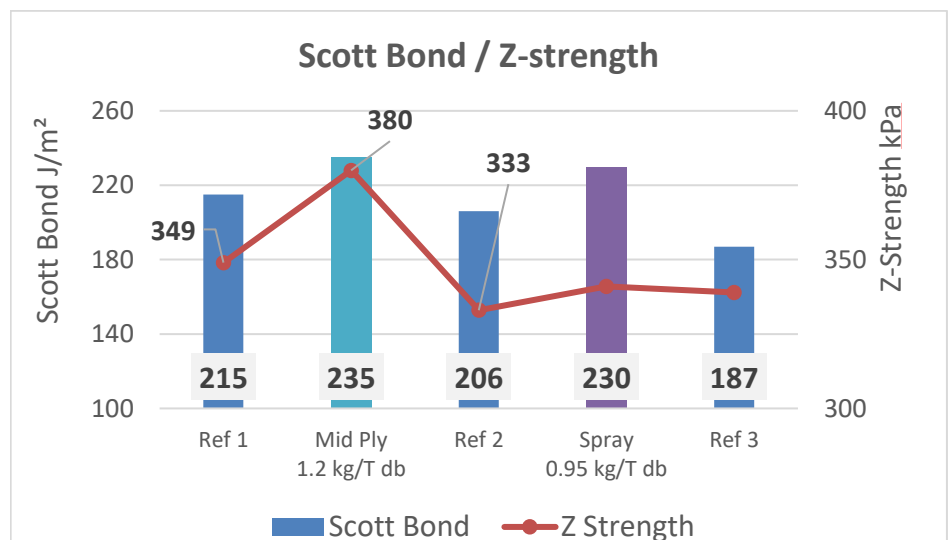
Recommended Solution

Solenis experts recommended adding Hercobond 7700-EU dry strength to the spray starch dispersion and sprayed between the top and middle plies.

Results Achieved

Print delamination at the print-house improved:

- Scott Bond improved from 11 to 20%
- The Z-strength improved by 12% with the wet end application



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