

Subject: Wyzenbeek Abrasion Rating Update – EnviroLeather® Prints

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Summary

LDI Textiles is pleased to announce that the Wyzenbeek abrasion rating for the EnviroLeather® Prints product platform has been increased from 200,000 double rubs to 500,000 double rubs.

This update brings EnviroLeather® Prints in alignment with the performance standard of the core EnviroLeather® platform, reinforcing consistency across LDI coated fabric offerings and elevating overall durability performance.

Background

Wyzenbeek abrasion testing (ASTM D4157) is a widely recognized industry method used to evaluate a material's resistance to surface wear under controlled laboratory conditions. These results are commonly used as a comparative benchmark when reviewing upholstery performance across materials.

It is important to note that abrasion test results are not necessarily a reliable indicator of fabric lifespan. Comparative laboratory testing results on the same textiles can vary, and test methods do not always correlate with the variables encountered in real-world use. Multiple factors, including application, maintenance, environmental conditions, and end-use behavior impact overall durability and appearance retention.

In alignment with ACT performance guidelines, abrasion results should be viewed as one component of a broader performance evaluation rather than a standalone predictor of product life.

At the same time, LDI recognizes that specifiers, designers, and OEM partners often rely on higher double rub values as part of their material selection process. In response, LDI has conducted additional testing and validation of the EnviroLeather® Prints constructions. This testing confirms that the material consistently meets performance at 500,000 double rubs, aligning with the EnviroLeather® platform.

This update ensures that published specifications both accurately reflect verified test results and align with how materials are evaluated in the field.

Findings

Test Performed: ASTM D4157 (Wyzenbeek Abrasion Test)

Material Tested: EnviroLeather® Prints

Results:

- Previous Published Rating: 200,000 double rubs
- Updated Verified Rating: 500,000 double rubs

Testing confirms that EnviroLeather® Prints meets the same abrasion performance level as EnviroLeather®, with no compromise to print integrity, surface performance, or overall durability.

Customer Impact

This update provides greater confidence when specifying EnviroLeather® Prints in demanding applications, including:

- Healthcare environments
- Senior living facilities
- High-traffic commercial interiors

Customers can expect:

- Increased durability and extended product lifespan
- Greater alignment across LDI coated fabric platforms
- Simplified specification decisions between solid and printed products
- Reinforced confidence in performance consistency

This update does not change product construction, warranties, or care guidelines. It reflects a more accurate representation of actual product performance.

Action Required

No immediate action is required from customers, dealers, or specifiers.

Going forward:

- All technical data sheets, specifications, and marketing materials should reflect the updated 500,000 double rub rating for EnviroLeather® Prints
 - LDI can provide supporting test documentation upon request
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Outlook

LDI Textiles will continue to validate and update performance data across all product platforms to ensure alignment with evolving industry expectations and real-world application demands.

Future enhancements and performance validations will be communicated through additional Technical Bulletins as part of LDI's commitment to transparency, accuracy, and continuous improvement.

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