



Automotive Interiors Expo 2012

June 14th 2012
Stuttgart

Hugo De Winter



1. Recticel in automotive
2. Strengths
3. Movie
4. Innovation to contribute in ecological automotive ambitions
5. Conclusions



- Leading manufacturer of Polyurethane products.

- An international Belgian group with more than **11.000** employees,
with over **120** production locations world wide.

- **4** Business Lines.

- Continuous research and development and investments in new technologies.

4 Business Line

Comfort & Technical Foams

41%



Automotive

23%



Bedding

20%



Insulation

16%



- Our products
 - . . . Instrument panels
 - . . . Door panels
 - . . . Small interior parts
 - . . . Exterior parts



1. Recticel in Automotive



- Our customers, the OEM's



BUICK



DAIMLER



FREIGHTLINER
CORPORATION



KENWORTH



LINCOLN



OPEL



VOLVO

1. Recticel in Automotive



- Our customers, the first tier suppliers



Global presence

USA

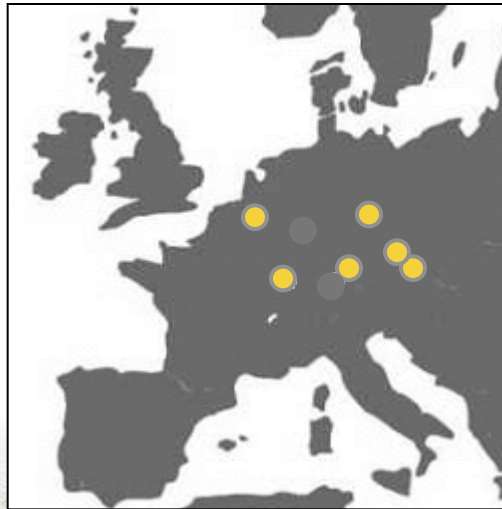
- Clarkston (MI)
- Tuscaloosa (AL)

Europa

- Rheinbreitbach (D)
- Schönebeck (D)
- Unterriexingen (D)
- Wackersdorf (D)
- Mlada Boleslav (CZ)
- Most (CZ)

Asia

- Ningbo (CN)
- Shenyang (CN)
- Beijing (CN)



2. Strengths in Automotive

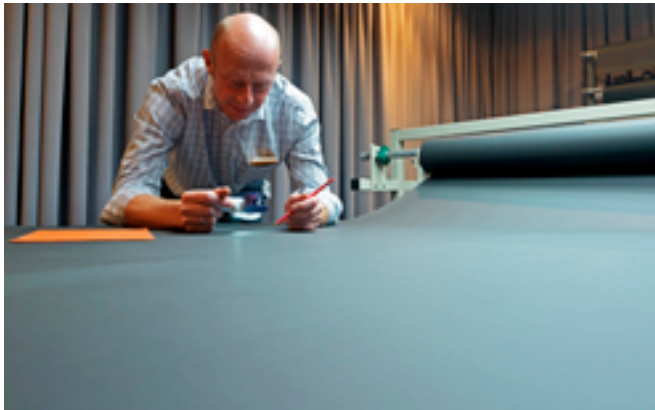
- Our expertise

Unique grain reproduction characteristics, no plastic look, all colours



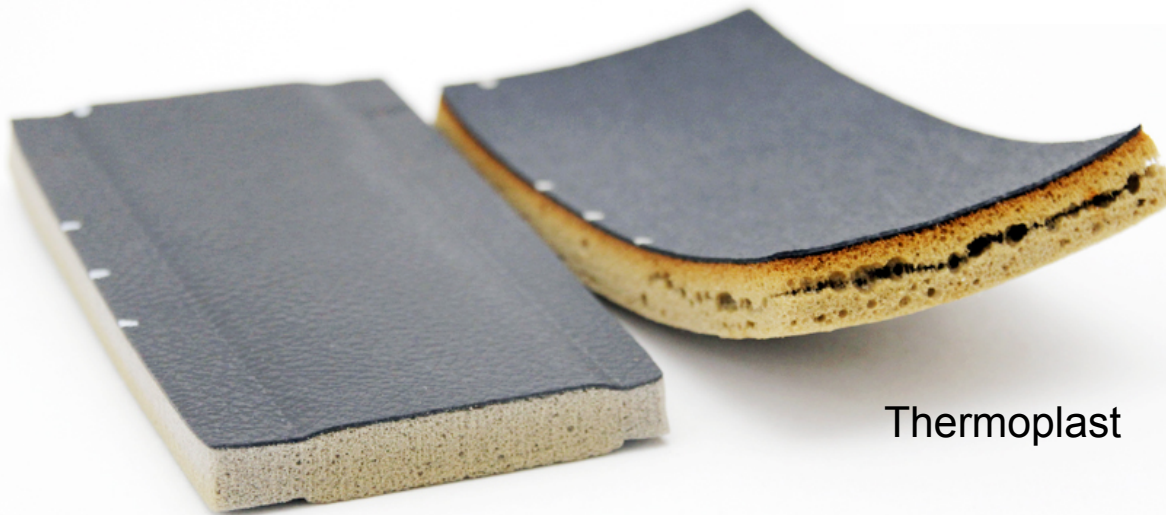
2. Strengths in Automotive

- A-surface competence



2. Strengths in Automotive

- Colo-Fast®, durability at severe sunlight c



Colo-Fast®

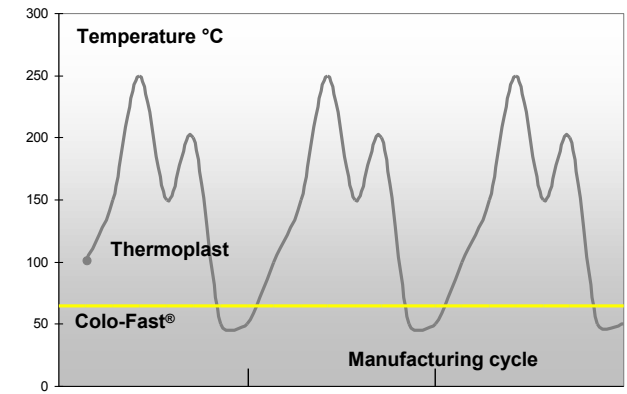
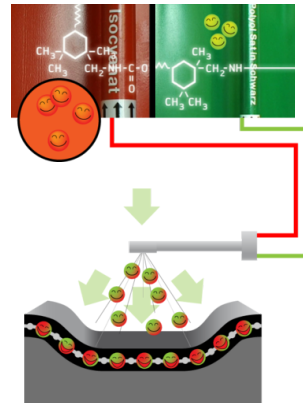
Thermoplast

2. Strengths in Automotive

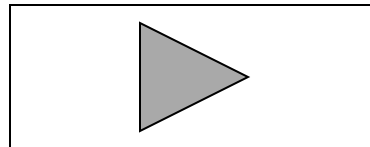
Colo-Fast® is a low temperature manufacturing process, due to exothermic PUR reaction mechanism



65°
C

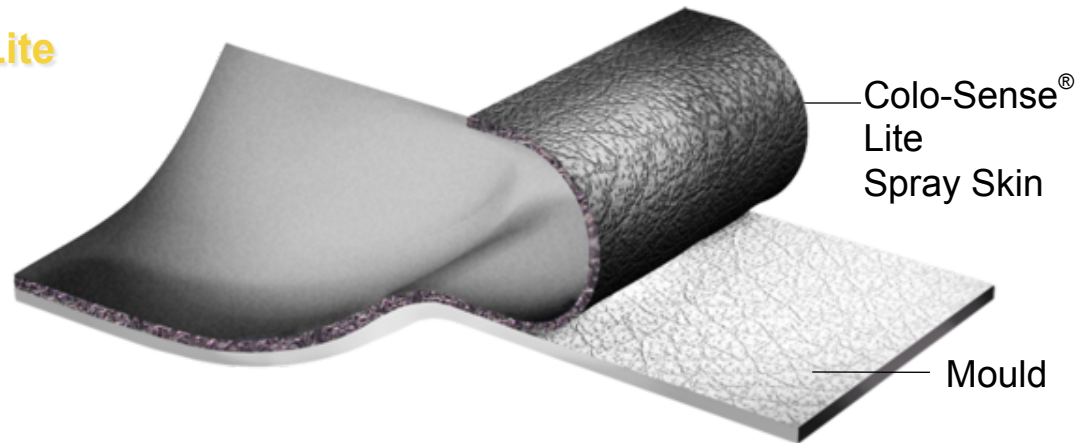


3. Movie

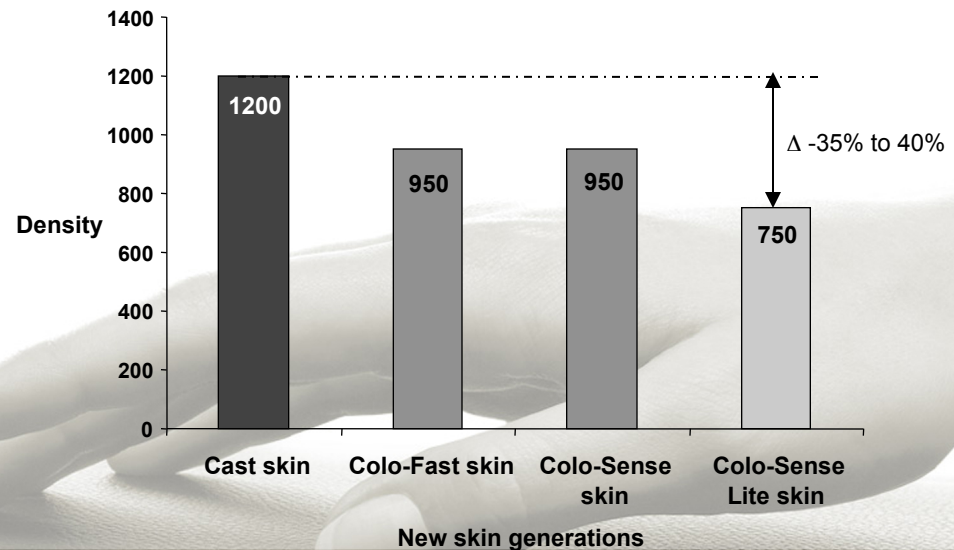


4. Innovations, contributing in ecological automotive ambitions

Surface Material: **Colo-Sense® Lite**



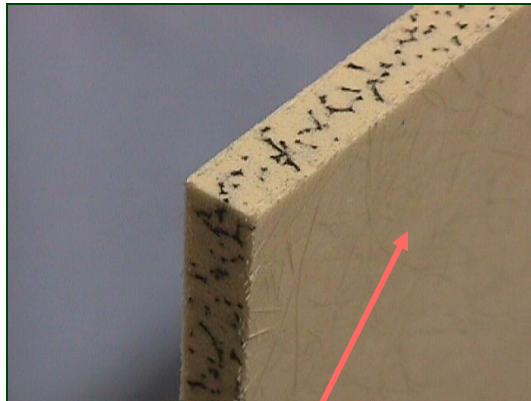
- Reducing skin weight
- Possible use of bio-materials
- Cost savings
- Increased flexibility
- Increased part softness



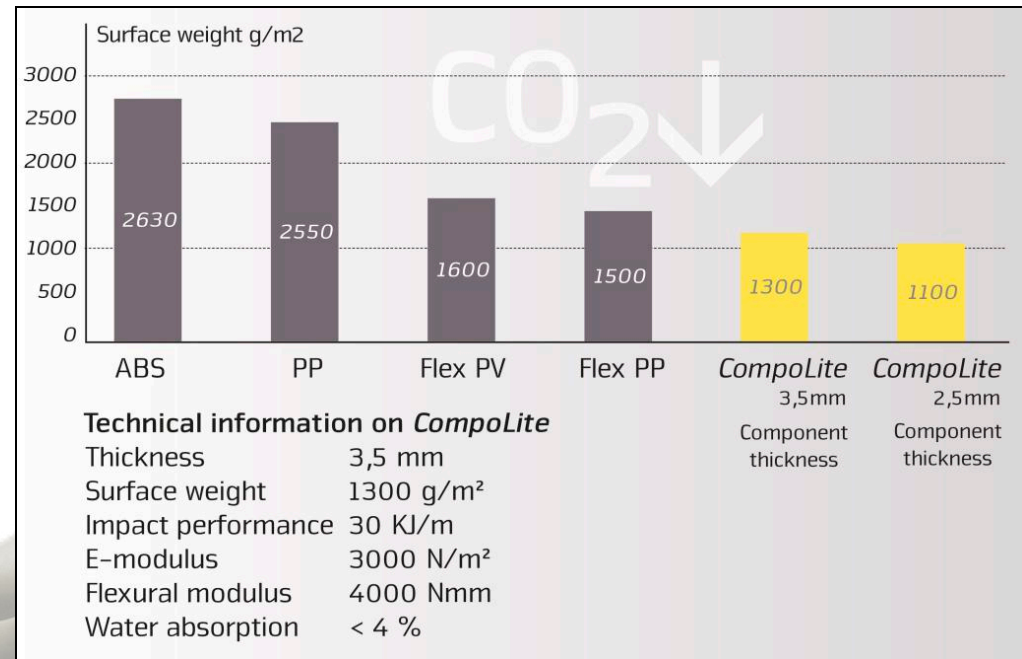
4. Innovations, contributing in ecological automotive ambitions

New process concepts

CompoLite, a new A-surface product, the answer to weight saving automotive trends



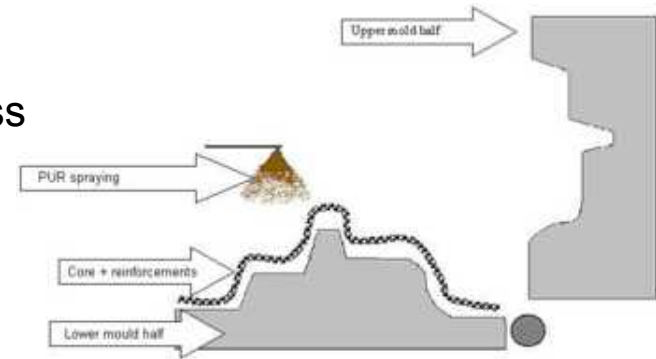
CompoLite weight objectives:
1100 – 1500 g/m²
Reference NF $\geq$ 1600 g/m²



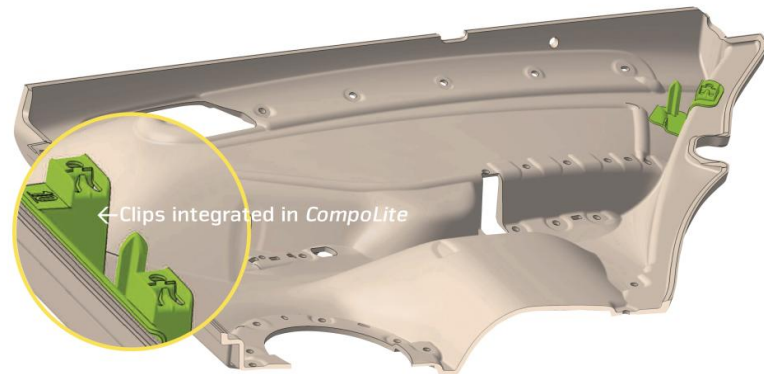
CompoLite, a new A-surface product, the answer to weight saving automotive trends

Based on sandwich technology :

- Composite lightweight PUR core
- Fibre reinforced outer walls for high stiffness
- Excellent strength vs. weight ratio
- Thickness variations possible
- One side spray technology
- Easy to shape without property loss
- One step in mold decoration possible



Door panel *CompoLite* + Colo-Fast®

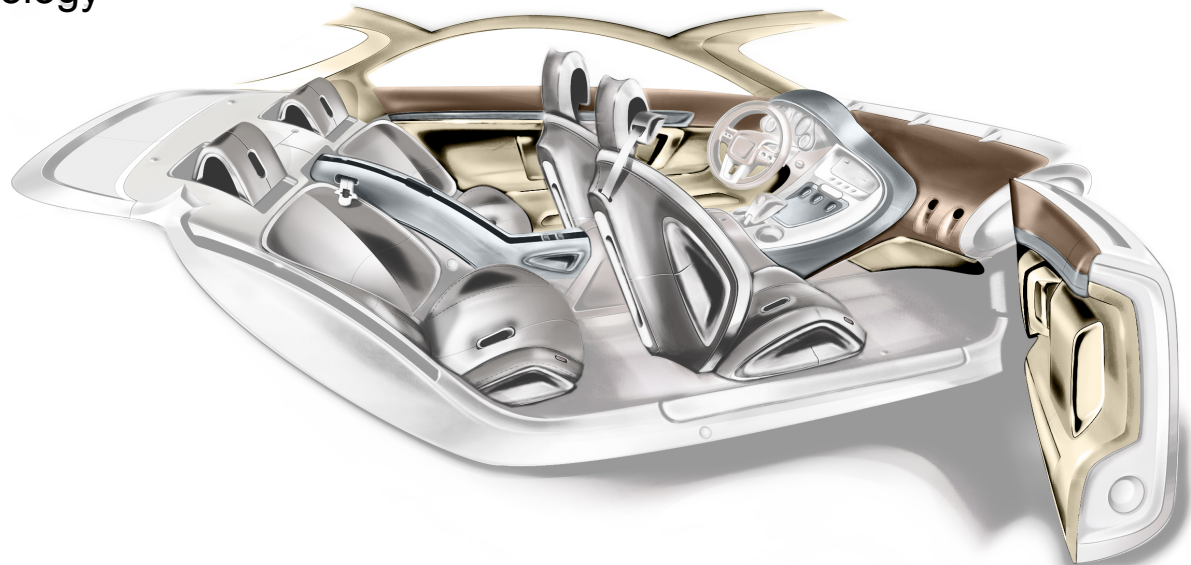


Clips integrated in *CompoLite*

4. Conclusions

New Colo-Fast® skin concepts
Offering harmony in A-surface

- Colo-Sense® Lite Spray technology
- Colo-Fast® ROM technology
- *CompoLite* Substrate



Thank you for your attention