



RODA® Care and EUDERM® X-GRADE

# A facelift for leather by hiding defects

» Intelligent upgrading technology  
for leather finishing



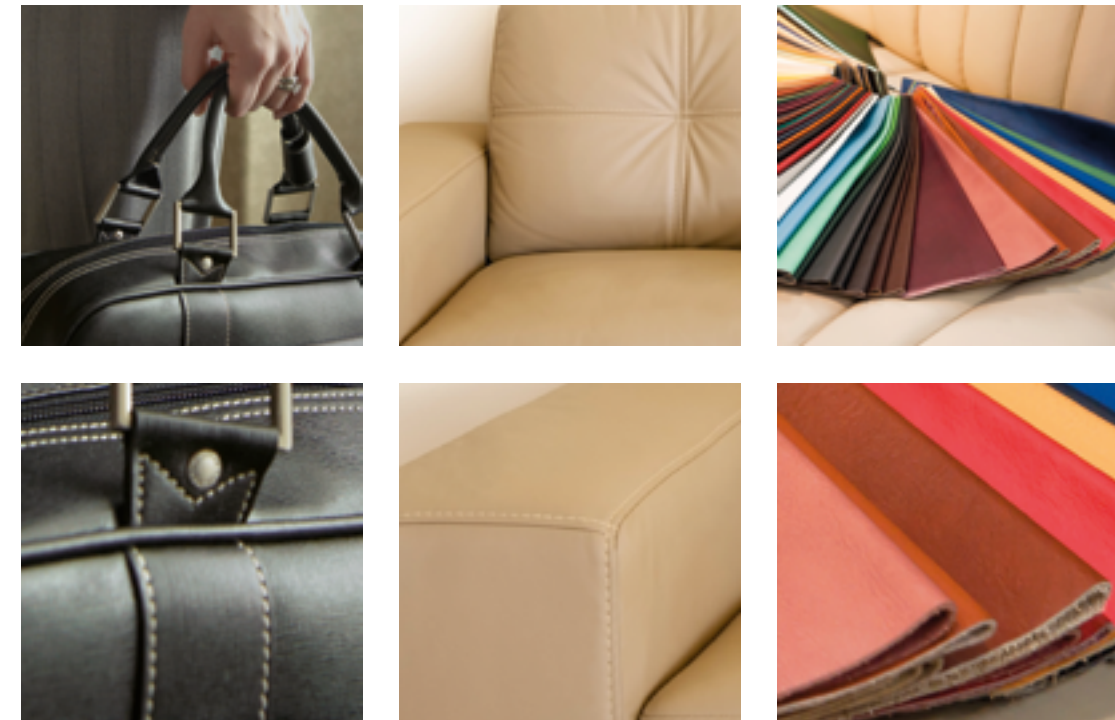
TFL – Great chemicals. Excellent advice.

## Leather upgrading – A facelift for leather

Leather is vain. Leather aims for perfection. How? By having its unique naturalness highlighted while meeting today's strict demands on look, performance and economic feasibility. Unfortunately, conventional finishing practices are very often incapable of combining all these ambitious goals – not least because of leather's natural imperfections.

This is why EUDERM® X-Grade and RODA® Care technologies were developed and have been steadily improved – for hiding small and medium-sized grain-side defects that significantly lower the final product's commercial value. EUDERM® X-Grade and RODA® Care products can be used either as the main component in up-grading prebottoms or as auxiliaries in base coats. It all depends on the final product, or the degree of damage that needs to be blended in.

Small pinholes or deep scratches, splits, full grain or corrected grain leather: The EUDERM® X Grade and RODA® Care technologies offer finishers added-value solutions for leather. So why not give your leather an attractive, cost-effective facelift!



### **RODA® Care and EUDERM® X-GRADE – How you benefit**

- Uniform grain pattern over the entire surface
- More natural-looking corrected grain leather
- Greatly improved upgrading results despite fewer loading finishing layers
- Higher added value through upgraded leather
- Optimized cutting yield through higher proportion of full grain leather available for use
- Lower finishing costs through reduced material consumption



More natural  
looking leather  
with less add-on



# Upgrading technology for individual problems

The secret of EUDERM® X-Grade's and RODA® Care's upgrading success is based on the intelligent integration of microcapsule technology into well-balanced binder and auxiliaries' matrixes. The technology behind it is certainly sophisticated and makes individual solutions to individual problems possible.

## Application fields

Whether applied by common application methods such as roll coating (direct or reverse), air, HVLP or airless spraying, the TFL upgrading technologies cover up small and medium-sized hide defects, as the photos on the right demonstrate. Unlike common finishing systems, TFL upgrading products maintain their filling capacity after drying, resulting in an excellent covering of the defects, which in turn leads to a significantly improved cutting yield.

EUDERM® X-Grade and RODA® Care finishing technologies are particularly suitable for all kinds of leather articles, and in particular automotive, furniture and shoe upper leather. It is The products are applied in prebottoms and/or base coats in combination with conventional base coat products.

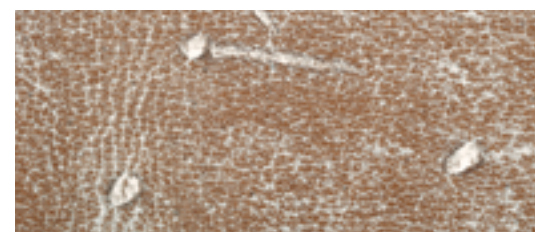
## Outstanding results

TFL upgrading technologies eliminate defects like pinholes or cuts with astonishing success. By upgrading leather using this technology, tanneries can profit from a significant increase in cutting yield and an enhanced embossing pattern obtained with less loading finishing layers.

## The TFL Upgrading Process



1. EUDERM® X-Grade eliminates small or medium-sized hide defects.



2. Grain-side defects are completely filled through the EUDERM® X-Grade covering.



3. The leather acquires a smooth, uniform surface after buffing.



4. Original imperfections in the leather are no longer visible after finishing.

## Solutions for every purpose

### → EUDERM® X-Grade CGS/N (CGS/N-C)

For split leather and corrected grain leather with excellent buffing properties.

### → EUDERM® X-Grade FH/N

Especially for full grain and slightly corrected leather articles. Excellent buffing properties, excellent coverage with a natural and high grade appearance.

### → EUDERM® X-Grade SB

For elegant nappa types with thin finishes and small embossing patterns. Excellent coverage of small defects while maintaining the naturalness of the leather.

### → EUDERM® X-Grade SF/N (SF-A)

Single filler auxiliary for all kinds of base coat formulations with excellent coverage, print retention, cut through resistance and flex properties.

### → EUDERM® X-Grade MP 2/N

For the upgrading of all kinds of pigmented leathers. Develops its filling and upgrading power through the expansion of incorporated microcapsules when heat is applied during plating and/or embossing. This expansion capacity leads to an improved filling of the defects and a more uniform embossing pattern with grain side.

### → EUDERM® X-Grade MS/N

Highly concentrated upgrading auxiliary, based on expandable micro capsules for the use in pre- and base-coats. The expansion takes place when heat is applied during plating and/or embossing at temperatures between 90-120° C.

### → RODA® Care 5616/N

Buffable filler utilized for slightly corrected grain leather of medium high quality, suitable for upholstery and automotive articles.

### → RODA® Care 5622/N2

Buffable upgrading product which upgrades the quality of upholstery and automotive leather.

### → RODA® Care 5659/N

Buffable filler utilized for full grain and corrected grain leather of medium to high quality. Also suitable for upholstery and automotive articles. Can also be applied by spatula after increasing the viscosity.

### → RODA® Care 5754/N

Specifically formulated to cover defects present on full grain leather, particularly for smooth furniture and automotive nappa. Excellent sealing capacity. Good coverage of small and medium defects on full grain leather without overloading. Good adhesion.

### → RODA® Care CE/N3

Hand stucco articles with pronounced defects such as deep-scratches and insect bites. Excellent filling, high adhesion and yellowing fastness, good buffing behavior, excellent print retention, good dry milling performance.

### → RODA® Care 5616/N

Buffable hand stucco for slightly corrected grain leather of medium high quality. Suitable for upholstery and automotive articles.

### → RODA® Care HF/N

To cover small and medium-size defects on all kind of crusts from upholstery to shoe upper, leather goods and automotive leather articles. Excellent sealing ability to cover the defects without overloading the grain. Very good buffing behavior. Very high flex performance at room temperature and at low temperature (- 30° C). Very good dry and wet adhesion.

### → RODA® Care XL-B

Particularly suitable for smooth upholstery and automotive nappa finishes. Excellent sealing capacity resulting in good coverage of small and medium defects on full grain leather without any overloading. Good adhesion.



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