



Protect. Enhance. Outperform.

**Durex<sup>®</sup>**  
**LUMINO**  
**HYDROPHOBIC ARCHITECTURAL COATING**

Aging Resistant Protective Coating

**DURabond** 

# Anti-Aging for Facades

## *The Breakthrough: DUREX® LUMINO*

With **Durex® LUMINO**, Durabond has succeeded in creating a high-tech protective coating which incorporates advanced hydrophobic chemistry for a superior finish. This product enhances the performance of facade coatings – making them flexible, self-cleaning and longer-lasting.

The technology behind this innovation: with DUREX® LUMINO, nanoparticles are homogeneously incorporated into body of the protective coating so that, after application and drying, a homogenous protective coating is formed, which covers the entire façade.

### **Innovative Technology Cuts Costs**

In practice, the nanoparticle technology has significant and obvious advantages. With facade coatings based on DUREX® LUMINO hydrophobic protective coatings, not only is the problem of soiling and chalking minimized, but crack resistance and color retention is also guaranteed.

**In short:** facades look good and remain optimally protected for longer. That's why we refer to it as the anti-aging formula for facades.



### **Advantages of DUREX® LUMINO Anti-Aging Protective Coatings**

- Resistance to soiling
- Resistance to chalking
- Crack resistance
- Reduced maintenance costs
- Breathable - good permeability
- Outstanding color retention
- Available in Roller Applied & Textured Finishes

### **Cost Savings and Preservation of Value**

Facades have to be repainted far less frequently; they look good and optimally protected for longer. In other words: with DUREX® LUMINO, endurance is guaranteed!

## Proven Endurance

Comprehensive comparative tests involving traditional coatings have shown that façades coated with DUREX® LUMINO are not only extremely durable, but also uncompromising when it comes to environmental and façade protection.



### Chalking Resistance

Chalking is a common problem on facades, and although the loose pigment and filler particles on the surface of the coating film can be easily wiped away, having a considerable impact on the overall appearance of a facade.

DUREX® LUMINO nanoparticle technology offer an effective solution to this problem through outstanding resistance to chalking to that of standard textures and paints.

The result: thanks to the DUREX® LUMINO technology, facades stay cleaner for longer.



### Crack Resistance

Cracks in the coating film are often impossible to see without a magnifying glass.

Nevertheless, they can cause major damage to the coating and subsurface. In the worst-case scenario, the coating film can come away completely as a consequence.

Here too, the advantages of the special nanoparticle technology of the DUREX® LUMINO technology come into play: the network makes the system sufficiently flexible remaining reliably stable – thus providing the best possible protection for the façade.



### Color Retention

In addition to protection, aesthetics are also majorly important when it comes to façade coatings: the color retention of a coating is a key factor when ensuring an attractive appearance.

The inorganic pigments are homogeneously incorporated into the DUREX® LUMINO nanoparticle protective coating, which means that they are protected from being broken down, offering protection from the elements to preserve the original color.

## KEEP IT CLEAN: Soiling Resistant Coatings with DUREX® LUMINO

Facade coatings with DUREX® LUMINO open up a whole new dimension in respect one of the most important factors for long-lasting façades, low dirt pick-up. The hydrophilicity of the surface of the DUREX® LUMINO nanoparticles technology is very effective in terms of resistance to soiling from airborne dirt and hydrophobic substances when compared to standard coatings and paints.

**DUREX® LUMINO** Hydrophobic Architectural Coatings are used by specialists who have been certified by Durabond.

**For more information ask your Durabond representative.**



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The recommendations and information in this chart/document are for the application of Durex® products manufactured by Durabond, and are based on practical knowledge for general site conditions and uses. This chart is to be used as a reference guide only to identify and display the various products for general, non-site specific applications for a variety of installations. Differences in site conditions, preparations, materials are continuously variable and unknown.

As such, no warranty, guarantee or legal binding relationship is implied whatsoever with these products and systems and no guarantee can be made to their performance. In addition, preparation and condition of the substrate is of such utmost importance that a Durabond Technical Representative must be notified prior to installation of any of the aforementioned products and/or systems.

An installer must always prepare the surface to the recommendations found on the current data sheet of each product written and produced by Durabond Technical Coatings Limited. These data sheets can be obtained from Durabond's website, [www.durabond.com](http://www.durabond.com), or by contacting a Technical Sales Representative directly.

**[www.durabond.com](http://www.durabond.com)**