

DURIT Granitec HL

Our design model with good scratch resistance

Noble granite look with **smooth, hard** surface, good scratch resistance and very good abrasion resistance.

Developed for top level cookware.

[Consumers can find out what DURIT Granitec HL is all about.](#)

This product is also available in a "Maximizing Green" variant.

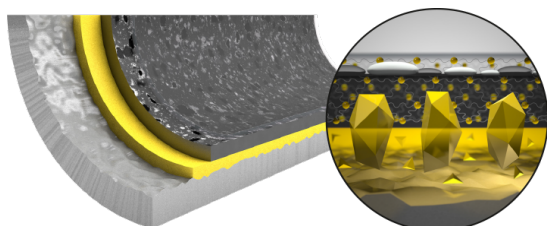
[Here you can see what that means for you as a consumer.](#)

- Unique granite look with smooth surface
- Good scratch resistance - very good abrasion resistance
- Exceedingly exceptional non-stick properties
- Very good cleanability

Characteristic

Number of Layer	3
Coating Thickness µm	40-45
Curing Temperature °C	420
Service Temperature °C	250
Scratch resistance	★★★★^
Abrasion (BS)	★★★★^
Non-stick (LGA)	★★★★★
Non-stick (LGA & milk)	★★★★★
Corrosion resistance	★★★★^

5 4 3 2 1



DURIT Granitec HL (GRANITEC HL)

is a unique, three-layer non-stick coating based on DURIT High Level technology. Gentle roasting and easy cleaning, a very good scratch resistance and an excellent abrasion resistance make this product unique. The noble granite look with its smooth and hard surface sets a strong quality signal.

1. Surface sealing applied wet-in-wet to achieve good cleanability
2. Granite effect coating with polymer matrix technology is applied wet-in-wet
3. Mid coat with innovative polymer matrix enables best scratch resistance
4. Primer with strong ceramic reinforcement
5. Specially prepared substrate for an optimum DURIT Granitec HL

Substrates

Substrate	Pretreatment	Suitability
pressed/forged alu	sandblasting with corundum	✓✓
Alu cast	sandblasting with corundum	✓✓
Stainless steel	n.a.	✗

adhesion of the coating to the cookware product

Testing Methods

Basic Properties

- Suitability for Food Contact
- Visual Aspects
- Dry Film Thickness (DFT)
- Adhesion (Cross hatch)

Non-stick Tests

- Egg-/Milk-/Pancake Test
- Milk Test

Corrosion Tests

- Salt Water Test
- Tomato Test
- Rice-Tomato Test

Abrasion Tests

- LGA Abrasion Test
- MTP Abrasion Test
- British Standard Abrasion Test
- Dry Abrasion Test