

DURIT Granitec HL - Special Effect Line

Our design model with very good scratch resistance

Noble granite look with **smooth, hard** surface. Excellent 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.

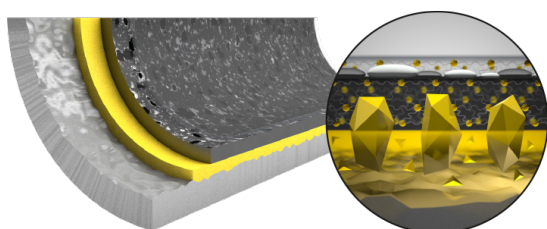
[Here you can see what that means for you as a consumer.](#)

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

Characteristic

Number of Layer	4
Coating Thickness µm	40-45
Curing Temperature °C	435
Service Temperature °C	250
Scratch resistance	*****
Abrasion (BS)	*****^
Non-stick (LGA)	*****
Non-stick (LGA & milk)	*****
Corrosion resistance	*****^

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DURIT Granitec HL (GRANITEC HL)

is a unique, four-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

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Substrates

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

5. Specially prepared substrate for an optimum 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