

#### **DURIT Granistone HL**

Our "granite" version with excellent abrasion resistance

Appealing granite look with rough, hard surface. Good abrasion resistance and scratch resistance. Developed for top level cookware.

<u>Consumers can find out what DURIT Granistone</u> HL is all about.

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

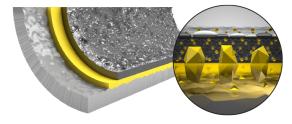
Here you can see what that means for you as a consumer.

- Unique granite look with slightly rough surface
- Good scratch and abrasion resistance
- Outstanding 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	****^

## 54321



### **DURIT Granistone HL (GRANISTONE HL)**

is an outstanding three-layer non-stick coating without ceramic reinforcement in the mid layers. DURIT Granistone HL is based on the High Level technology with a special polymer matrix. The system set itself apart due to its high quality hard and rough surface.

- 1. Surface sealing applied wet-in-wet
- 2. Granite effect coating with polymer matrix technology is applied wet-in-wet
- 3. Mid coat with innovative polymer matrix enables optimum abrasion resistance
- 4. Primer with strong ceramic reinforcement for highest durability
- 5. Specially prepared substrate for an optimum adhesion of the coating to the cookware product DURIT Granistone HL

## **Substrates**

Substrate	Pretreatment	Suitability
pressed/forged alu	sandblasting with corundum	<b>~</b>
Alu cast	sandblasting with corundum	<b>*</b>
Stainless steel	n.a.	×



# **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
- Rice-Tomato Test
- Tomato Test

## **Abrasion Tests**

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