



# **LUVOGRIP®** Amaril

Abrasive minerals based on natural corundum (emery)

- The optimal solution for abrasive applications
- Ensures superior quality and durability in construction applications, such as bridge decks, industrial floors, ferry ramps, naval flight decks and public roads
- Min. 53 % alumina (Al<sub>2</sub>O<sub>3</sub>) content, making it a chemically inert and highly effective aggregate
- High hardness (8-9 Mohs) and toughness
- Carefully selected ores ensure consistent and uniform quality
- Acknowledged for its proven track record of high quality, unparalleled performance and commitment to sustainability
- Provides exceptional performance in formulation systems, including the binding of cement, acrylic, PU, epoxy, bitumen, and asphalt

## Property profile of LUVOGRIP® Amaril

| Chemical composition                     | Typical values       |
|--|----------------------|
| Al <sub>2</sub> O <sub>3</sub> [%]       | 53 – 67              |
| Fe <sub>2</sub> O <sub>3</sub> [%]       | 20 – 26              |
| SiO <sub>2</sub> [%]                     | 7 – 10               |
| CaO [%]                                  | 0.8 – 2.0            |
|  |                      |
| Physical properties                      | Typical values       |
| Physical properties  Mohs hardness       | Typical values 8 - 9 |
| · · · ·                                  | ~                    |
| Mohs hardness                            | 8 – 9                |
| Mohs hardness Polished stone value (PSV) | 8 – 9<br>66 – 70     |

1.6 - 1.9

| Grit size range (mm) |
|----------------------|
| 3.0 – 6.0            |
| 2.0 – 3.0            |
| 1.0 – 2.0            |
| 0.8 – 1.7            |
| 0.6 – 1.4            |
| 0.5 – 1.0            |
| 0.3 - 0.8            |
| 0.2 – 0.6            |
| 0.12 – 0.25          |
|                      |

Other grit sizes on request.

LUVOGRIP® Amaril is made from naturally eroded emery and primarily consists of corundum. It is derived from a natural mineral and produced under strict quality control, though some (color) variations may occur.

As a natural mineral it is exempt from REACh registration (Annex V or regulation EC 1907/2006). It does not contain intentionally added or relevant amounts of SVHC. Since the presence of such substances in relevant quantities cannot be expected under normal circumstances, Lehmann&Voss&Co. does not check for their absence.

#### **Product Applications**

Our LUVOGRIP® Amaril products can be used in numerous industrial applications such as grinding, polishing, sanding, blasting, cutting, anti-skid, filler, (road) construction, joint repair, counterweight.

For mineral solutions in the magnesia sector, please explore our LUVOMAG® product line.

## **Expertise**

Bulk density [g/l]

- Diverse array of emery products
- · Long-term partnerships with qualified manufacturers
- A broad selection of customized specialties and delivery forms
- Highly qualified technical and commercial support
- Quality certified according to ISO 9001 and ISO 14001

### **Packaging and Logistics**

We offer a wide variety of packaging solutions. We supply from stock and work with a dedicated logistics team along with reliable forwarding partners. Please contact us for individual needs. Our numerous warehousing and logistics operators are audited and certified by the applicable standards.



Exclusive sales agent: TCBizz

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