

CORUNDUM

AGGREGATES WITH HIGH WEAR RESISTANCE - FILLERS FOR RESIN-BASED SYSTEMS



DESCRIPTION

CORUNDUM are hard minerals or aggregates with crystalline form from aluminium hydroxide. RESIPLAST® CORUNDUM aggregates are titanium-stabilised primary electrocorundum which has a reddish-brown colour. The aggregates are mainly used as broadcasting agents for EPISOL® EP and PU, RESICRETE® PU cement, and POLYAC® MMA or PUMA coatings or resin-bonded coating systems, where sustainable, high slip or skid resistance (antiskid), and wear resistance are required. The products are available in several different fractions or grain sizes: F16, F24, and F46, as indicated in this technical data sheet.

BENEFITS

- Very high hardness and wear resistance
- Shape of the granulates results in high slip resistance
- Sustainable
- Available in several formats

FIELD OF APPLICATION

Applicable for both industrial and non-industrial resin-bound floors, parking decks, roofs and ramps, bridge decks,... Ask for more information on the suitable system and system structure.

APPLICATION

Method of spreading (timing, in which layers and necessary layer thickness, etc.) depends on the system structure. Ask our technical department for advice on the correct method.

TECHNICAL DATA

CONSUMPTION

System-dependent and according to desired slip resistance. Usually a full or saturated broadcast. Ask our technical department for advice.

TECHNICAL DATA

Grain size distribution	F16	0.85-1.40 mm
	F24	0.50-1.00 mm
	F46	0.25-0.50 mm
Bulk density	±1.4-1.8 kg/dm ³	
Specific weight	± 3.9 g/cm ³	
Mohs hardness	9	

CHEMICAL ANALYSIS

Average values. These do not represent a specification.

Al ₂ O ₃	84.00-90.00%
Fe ₂ O ₃	3.50-4.20%
SiO ₂	4.00-5.00%
TiO ₂	4.00-5.00%
CaO	± 0.5%

REFERENCE DOCUMENTS



PACKAGING

CORUNDUM	25 kg	Paper bag with polythene liner
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STORAGE AND SHELF LIFE

Store CORUNDUM in its original packaging in a dry, well-ventilated storage area between +10 °C and +50 °C. The optimum storage temperature is 25 °C.

Shelf life: 12 months after production date. In case of doubt, contact RESIPLAST NV and quote the batch number on the packaging. Do not discharge into groundwater, surface water or drains. Dispose of contaminated packaging and residues in accordance with applicable legal regulations.

SAFETY PRECAUTIONS

Avoid raising dust in the air. Ensure adequate ventilation, keep away from ignition sources and do not smoke. Do not store food (food, drink) in the same work area. Wash hands and other exposed parts with mild soap and water before eating, drinking or smoking and when leaving work. Wash dirty clothes before reuse. Always wear personal protective equipment according to applicable local guidelines and legislation. Hand shoes and safety glasses are mandatory.

The above information is provided in good faith, but without any guarantees. The application, use and processing of the products are beyond our control and are, as such, the sole responsibility of the user/processor. In the event that KorAC NV is still held liable for damages, then the claim will still be limited to the value of the goods delivered. We always aim to deliver consistently high quality goods. All values on this technical sheet are average values that result from tests carried out under laboratory conditions (20 °C and 50% RH). Values that are measured on the construction site may show a slight deviation since the environmental conditions, the application, and the way of processing our products are beyond our control. Do not add any products other than those indicated on the technical documentation. This version replaces all previous versions. Version 2.0 Date: 12 July 2023 9:07 am