

PROTEGAFLOOR AGGREGATES

DESCRIPTION

Aggregates for use with ProtegaFloor and Temafloor resin floor coatings.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ No.1 and No.2 Aggregates provide tough, durable anti-slip properties.
- ◆ No.1 – Fine/Medium grade bauxite – approx. 0.18 - 0.6 mm particle size.
- ◆ No.2 – Coarse grade bauxite - approx. 0.5 – 1.4 mm particle size.
- ◆ No.1 & 2 anti-slip aggregates are usually scattered over a ProtegaFloor floor coating while still wet. When dry, excess is removed and a further coat of ProtegaFloor floor coating is applied to seal-in aggregate particles.
- ◆ ProtegaFloor 2000 Filler - mixes with Temafloor 210 to make a filled primer, and with Temafloor P300 to make Temafloor 3000 self-leveller (please consult relevant product data sheets).
- ◆ ProtegaFloor 2000 – average grain size approx. 0.2mm.

TECHNICAL DATA

Theoretical Density

No.1 – 3.7
No.2 – 3.7
ProtegaFloor 2000 – 2.65

Practical Bulking Density

No.1 – 2.0 kg/litre
No.2 – 1.7 kg/litre.

Product codes and Packaging

No.1	4170 050	25 kgs. (in a 10 lt. container)
No.2	4170 055	25 kgs. (in a 10 lt. container)
ProtegaFloor 2000	2702 201	7 kgs. (in a plastic sack)

Practical Coverage

No.1 and No.2 aggregates: approx. 2 – 4 m²/kg (0.25 – 0.5 kg/m²)
- applied by broadcast, actual usage varies with requirements.

ProtegaFloor 2000 – see Temafloor 210 and Temafloor 3000 product data sheets.

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APPLICATION DETAILS

- Surface preparation** ProtegaFloor aggregates are used with products from the ProtegaFloor and Temafloor range of resin floor coatings. Consult appropriate ProtegaFloor and Temafloor data sheets for further details.
- Application Methods** No.1 & No.2 – broadcast by hand or suitable applicator, such as sieve or mesh of appropriate size, onto wet coating.
- Broadcasting of aggregate onto wet coating should be done carefully. An uneven distribution of aggregate will give a poor cosmetic appearance and variable anti-slip properties.
- ProtegaFloor 2000 – mixed-in to product, see Temafloor 210 and Temafloor 3000 product data sheets.
- Application** No.1 & No.2 aggregates – apply ProtegaFloor or Temafloor floor coating in the appropriate way and broadcast aggregate to required density onto coating while still wet – use spiked shoes to walk across wet coating. When the coating is dry, sweep off loose excess aggregate and apply a further coat of the ProtegaFloor or Temafloor coating to seal-in aggregate particles.
- End-user requirements for the appearance and efficacy of an ‘anti-slip’ finish can vary widely and the applicator is advised to establish their client’s requirements by an initial test area. Differing sized aggregates and varying amounts per square metre can produce very different surface finishes. A decision must be made about the balance between the anti-slip properties required and the ease of cleaning of the floor surface. Generally, the greater the degree of anti-slip properties, the more difficult the surface will be to clean.**
- The degree of anti-slip effectiveness will vary with the anti-slip aggregate used, the efficiency of its application and the service conditions of the floor. Contamination on the floor such as water, oil, grease, dust, fibres etc. may render the anti-slip properties ineffective, particularly for fine anti-slip aggregates.**
- Consult Protega Coatings for specific advice as required.
- STORAGE** Store in dry, cool conditions and protect from frost.
- HEALTH AND SAFETY** Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Protega Coatings Ltd.