

QUICKFLOOR A 20

POLYMER AGGREGATE

1. CHARACTERISTICS

QuickFloor A20 – Polymer Aggregates are modified Polypropylene-wax-particles which when incorporated into the QuickFloor coatings provide improved slip resistance.

QuickFloor A20 remains suspended in the QuickFloor coating ensuring a more consistent and effective slip resistant surface under all application environments.

QuickFloor A20 – Polymer Aggregates are clear and consequently do not influence the colour shading of the QuickFloor coating

2. FEATURES

✓	Excellent slip resistant properties
✓	Fulfills anti-slip classifications according to DIN 51130
✓	UV-stable and color fast
✓	Suitable for use in to both QuickFloor 400 and QuickFloor 500
✓	Remain suspended during application and curing processes.
✓	Consistent surface finish due to suspension properties.
✓	Easily incorporated into QuickFloor products.
✓	Excellent outdoor weathering > resistant to chlorine- and saltwater

3.PROCESSING PROPERTIES	DATA
QuickFloor 400 and QuickFloor 500	1:1 by volume Mix components A and B of the QuickFloor coating and then add 10% by weight the QuickFloor A20 – Polymer Aggregate. Only incorporate the A20 Polymer Aggregate into the final Quick-Floor layer.
Material consumption [g/m ²]	ca. 20 - 30; dependent of application method (roller)
Recommended thickness [µm]	ca. 50 – 100 (pro Schicht)
Number of layers	1

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4. SLIP RESISTANT CLASSIFICATIONS AND COMPARISONS:

SURFACE FINISH	SLIP RESISTANT CLASSIFICATION
VIP Spray applied linings with standard "stipple" surface finish	R10
QuickFloor coatings incorporating A20 – Polymer Aggregate	R11 / V4

5. ANTI-SLIP CLASSIFICATIONS

The following Slip Resistant classifications and applications are contained within the BG-bulletin for floorings ZH 1/571/RG 181 of the local employer's liability insurance coverage act. The slip resistance ratings range from R9 (low resistance) up to R11 (high resistance).

R9

Entrance areas, staircases, break rooms, dining areas, canteens, sales rooms, packing areas, operating rooms, lab areas, hair dresser shops, medical practices, schools and play schools, classrooms, entrance halls, corridors and galleries.

R10

Sanitary rooms, storage cellars, fermenting cellars, different kinds of kitchens, gangways for packed meat and sausage products, bread and bakery products as well as cheese and products of cheese unpacked goods. Garages, parking decks, teaching kitchens in schools, kitchens in play schools, engine rooms for wood working.

R11

Cheese production, -storage and packaging, production of chocolate and candies for the manufacture of raw mixture and praline. Dough handling of pastries, sterilization rooms for handling of vegetables, filling of beverages, production fruit juice, kitchens in day care centers or in sanatoriums or in asylums, schools, dish rooms. Workshops for the maintenance of vehicles, aeroplane hangars.

R11 V4

Gastronomic kitchens with 100 covers each day, production of concentrates with usage of fat and water, handling and application of hollow glass, construction glass, metal working: cast iron working, turning shops and milling shops, blanking shops, pressing plants, areas with higher loading of oil and grease, cleaning stations for vehicles.

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6. HINTS FOR APPLICATION

All TDS for **QuickFloor 400**, **QuickFloor 500** and **QuickFloor** pigments must be observed.

QuickFloor A20-Polymer Aggregate is added into only the final coating layer. Do not add **QuickFloor A20-Polymer Aggregate** into both the base layer and the top coat layer.

Thoroughly power-stir the B-side container of the **QuickFloor** coating being used.

Add the A-side component to the B-side component in the correct ratio as detailed on the **QuickFloor** products TDS.

Power stir both components whilst adding the **QuickFloor A20-Polymer Aggregate** at a ratio of 10% by weight of the combined A and B side components of the **QuickFloor** product.

It is recommended that the correct amount of **QuickFloor A20-Polymer Aggregate** is pre weighed out ready to be incorporated into the mixed A and B components of the **QuickFloor** product being used. The tack free times of the **QuickFloor 400** and **QuickFloor 500** in particular are very fast and so the final mixed product should be applied without delay.

The fully mixed **QuickFloor** coating plus **QuickFloor A20-Polymer Aggregate** should be applied using a solvent resistant roller preferably a Nylon or Mohair roller or similar.

IMPORTANT NOTE:

When using QuickFloor 400 respectively QuickFloor 500 as an aliphatic (colour fast) top coat over a VIP spray applied membrane it is important to take care that the spray applied membrane is applied using a light pigmentation to ensure good colour coverage of the QuickFloor 400/500 top coat. Light coloured top coats over dark coloured base coats provide poor colour coverage.

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