



eurocrete HF

eurocrete HF is a heavy duty polyurethane-based flooring which provides excellent resistance to physical and chemical wear.



Classic Red



Charcoal



Oxford Grey



Chemical Resistant

It is totally non-porous, has excellent chemical resistance.



Slip Resistant

It is trowel applied to produce a heavy duty, anti-skid surface.



Physical Resistance

In most cases, it has physical properties which are approximately double that of concrete.



Easily Cleaned

Cleaning is straightforward and can be done with any method and any materials.

Physical Data

| | |
|-----------------------|---------------------------|
| Compression Strength: | 8,000 psi |
| Tensile Strength: | 850 psi |
| Flexural Strength: | 1,800 psi |
| Elastic Modulus: | 1.7 x 10 ⁵ psi |
| Density: | 130 lbs / sqft |
| Softening Point: | 126°C / 260°F |

Cure Schedule

| | |
|-----------------------------|----------|
| Usable life of full unit: | 15 min |
| Initial film gel time: | 20 min |
| Time to light traffic: | 4-6 hr |
| Time to light wheels: | 12-16 hr |
| Time to normal traffic: | 24 hr |
| Time to heavy duty traffic: | 3-5 days |

Times listed are for 20°C ambient temperature and 3/8" build.

Appearance

It is trowel applied to produce a heavy-duty, anti-skid surface with a matte finish.

Durability

eurocrete HF offers the highest level of durability available, with a lifespan of ten or more years in the toughest of environments. It is totally non-porous, has excellent chemical resistance, and its surface profile ensures slip resistance, even in wet process areas. It is impervious to substantial impact, abrasion, chemicals, and steel-wheeled traffic.

Thickness

It is generally laid between 1/4" and 3/8" thick.

Applications

Typical applications are in industries such as food, pharmaceutical, chemical, and other manufacturing sectors where spillages of corrosive or organic liquids occur, coupled with the requirement for frequent and thorough high-temperature washing and physical wear.

Food processing plants, abattoirs, sausage factories, bakeries, dairies, breweries, and kitchens are the prime users of eurocrete HF. Even in these extreme conditions, a life span of ten years or longer can be expected.

Cleaning And Maintenance

Cleaning is straightforward and can be done with any method and any materials. Regular cleaning is recommended in order to maintain a slip resistant, enhanced appearance and to reduce any tendency to retain dirt. Normal cleaning agents in combination with pressure washing or steam cleaning may be used.

Physical And Chemical Resistance

eurocrete HF is extremely strong and, in most cases, has physical properties which are approximately double that of concrete. It will tolerate a wide range of organic and inorganic acids, alkalis, and salts. It has an extremely high bond strength that can withstand steam cleaning.

Substrates

The success of our flooring system is dependent upon the proper preparation of the substrate, which can be concrete, polymer reinforced screeds, grano concrete, or steel. Although various methods are acceptable, captive shot blasting or diamond grinding are the preferred methods since both abrade the substrate and remove any latent materials that could impede adhesion.

Health and Safety

See MSDS sheets.

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