



## Technical Data Sheet / *eurocrete* WR

### Description

*eurocrete WR* is a trowel applied cove/wall render based on a liquid polyurethane resin system. Designed specifically for use with Eurocrete polyurethane flooring in order to maintain the same standards of resistance to abrasion and chemical contact.

### Composition

Water dispersed polyurethane resin system combined with a graded silica aggregate.

### Appearance

A finely textured smooth aggregate surface of uniform colour.

### Durability

Extremely strong and in most cases has physical properties which are approximately double that of concrete. *eurocrete WR* will tolerate a wide range of organic and inorganic acids, alkalis and salts. It has excellent impact and abrasion resistance, extremely high bond strength and is stable to steam cleaning.

### Thickness

1/8 inch to 3/8 inch

### Typical Applications

Forms chemically resistance coving, fillets, gulleys, wall finishes and drainage systems. Ideal in severe conditions where impact pressure, thermal shock and chemical exposure are expected. It is excellent for use in the processing areas of meat, poultry and dairy plants, bakeries, confectionery packaging, food warehouses, textile production, precious metal refineries, pharmaceutical facilities, freezers and refrigerated storage.

### Physical Properties

Compressive Strength	7,000 psi
Tensile Strength	1,000 psi
Flexural Strength	2,200 psi
Elastic Modulus	1.1 x 10 <sup>5</sup> psi
Density	130 lbs./sq. ft.
Softening Point	260°F /126°C

### Substrates

While the most common substrate is concrete, *eurocrete WR* may be applied over other substrates. It adheres well to concrete, grano, brick/block, plyboard and mild steel.

### Cleaning and Maintenance

Regular cleaning and maintenance will prolong its life, enhance appearance and reduce any tendency to retain dirt.

### Cure Schedule

Do not expose to any chemicals until after the full curing time of 12 hours at 21°C/70°F. In colder climates with temperature below 10°C/50°F it may take as long as 48 hours to reach full operational strength.

### Chemical Resistance

Excellent resistances to organic and inorganic acids, alkalis, fuel and hydraulic oils, aromatic and aliphatic solvents.

### Colours Available

Available in *eurocrete* standard colours – Red, Grey, Blue and Buff. Custom colours are available; see RAL# standard colours.

### Health and Safety

See MSDS sheets.

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