

### PRODUCT DESCRIPTION

FEC™ is a one-component, ready to use product and high-performance protective end coat recommended for a wide variety of functional, decorative and protective concrete applications. Floor End Coat System (FEC™) is applied on concrete structures, parking lots, warehouses, industrial floors, as well as stadium platforms and open spaces. This coating is often used to protect the final layer of concrete against damage caused by moisture penetration, exposure to chemicals, or physical abrasion.

### PRODUCT FEATURES

- Highly durable
- Good resistance against weathering and ageing
- Easy to apply
- Flexible and don't influence by vibrations
- Non-shrinkage
- Excellent freeze-thaw stability
- Resistant to mechanical influences, water and chemicals.

### PRODUCT USES

As a protective and decorative coating for cementitious and concrete substrate in:

- Factory and warehouse floors
- Stadium platforms
- Car parks and garages
- Industrial floors
- Exterior use

### TECHNICAL DATA - FEC™

Density	1.37Kg/l
Tensile Adhesion Strength	≥ 1.5 N/mm <sup>2</sup>
Air Humidity	<85%
Ambient Air Temperature	5-40°C
Substrate Temperature	5-35°C
Applied Product Ready For Use	5 days
Shelf Life	in a dry place at least 12 months

### HOW TO USE

#### SURFACE PREPARATION

Dust, oil, paint, silicone, curing agents, and detergents must be removed from the surface, which must be dry, sound, and free of moisture. The temperature of the surface should be at least +10°C. Surface loose materials must be removed, and surface cracks must be repaired with repair mortar. The wetted substrate should be equally saturated with water, with no standing water on the surface.

#### APPLICATION

Various applying methods are used based on project size and complexity. It can be applied by brush, roller or spraying. Brush is suitable for smaller surfaces or areas with intricate details requiring precision. Roller is ideal for medium to large surfaces to provide better coverage. Spraying is the best for large open areas, offering quick application and uniform coverage,



Floor End Coat System- FEC™

though proper ventilation and protection against overspray are essential.

### LIMITATIONS

- It may be harmful with skin contact
- Do not use when air and surface temperatures are below +5°C and above +35°C.
- Avoid heavy traffic for 24 hours

### STORAGE

stored in a dry place, is stable for at least 12 months in original, unopened package.

### HANDLING

Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling fabrics and resins to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing/gloves/goggles. Ventilate area. In absence of adequate ventilation, use properly fitted respirator.

### CLEANUP

Clean equipment with water immediately after use. Dried material can only be removed mechanically.

### FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

### DISCLAIMER OF LIABILITY

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase. AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.