

**PRODUCT INFORMATION**

**SPECIFICATIONS**  
**VYFLOOR EP200** is complied with ASTM D4060 & ASTM D2240.

**PACKAGING**  
**VYFLOOR EP200** is packaged 1 - 5 - 15 kg kits.

**COVERAGE**  
**VYFLOOR EP200** will cover 3:4 m<sup>2</sup> /kg [200 μ DFT].

**SHELF LIFE**  
 24 months if stored in original unopened packs.

**STORAGE**  
**VYFLOOR EP200** should be stored in clean ground over plastic or wooden pallets out from direct sun at temperature between +5 °C to +35 °C

**DESCRIPTION**  
**VYFLOOR EP200** is a two components, solvent free colored epoxy flooring coat. **VYFLOOR EP200** is provides highly chemical and abrasion resistance floors.

**TYPICAL APPLICATIONS**

- Industrial floors
- Production areas
- Workshops and car parks
- Pharmaceutical and hospitals rooms
- Warehouses and storage areas
- Nuclear and power stations
- Steel tanks and pipes
- Bridges constructions
- Can be applies on wooden and metal surfaces

**FEATURES**

- Two components solvent free coat
- High build film coat
- High abrasion resistance
- High chemical resistance
- High durability
- Good adhesion on various substrates
- High gloss finish
- Non-toxic

## TECHNICAL PROPERTIES

|                            |                     |            |
|----------------------------|---------------------|------------|
| <b>FORM</b>                | Epoxy               |            |
| <b>APPEARANCE</b>          | Clear               |            |
| <b>DENSITY</b>             | 1.75 ± 0.05 kg/l    |            |
| <b>INITIAL DRYING TIME</b> | 4-6 hours           | at 25 °C   |
| <b>FINAL DRYING TIME</b>   | 24 hours            | at 25 °C   |
| <b>DRY TO RECOAT</b>       | 18-20 hours         |            |
| <b>FULL CURE</b>           | 7 days              | at 25 °C   |
| <b>POT LIFE</b>            | 60 min              | at 25 °C   |
| <b>ABRASION RESISTANCE</b> | 75mg loss in weight | ASTM D4060 |
| <b>SHORE D HARDNESS</b>    | 80                  | ASTM D2240 |

## CHEMICAL RESISTANCE

|                                |   |
|--------------------------------|---|
| <b>SULPHURIC ACID 50%</b>      | good (no softening, bubbles, slight discolor observed)    |
| <b>SULPHURIC ACID 98%</b>      | weak (softening and yellowing color observed)             |
| <b>HYDROCHLORIC ACID 30%</b>   | excellent (no softening, bubbles, non- discolor observed) |
| <b>NITRIC ACID 10%</b>         | excellent (no softening, bubbles, non- discolor observed) |
| <b>ACETIC ACID 10%</b>         | good (no softening, bubbles, slight discolor observed)    |
| <b>PHOSPHORIC ACID 85%</b>     | good (no softening, bubbles, slight discolor observed)    |
| <b>SODIUM HYDROXIDE 50%</b>    | excellent (no softening, bubbles, non- discolor observed) |
| <b>POTASSIUM HYDROXIDE 50%</b> | excellent (no softening, bubbles, non- discolor observed) |
| <b>AMMONIA 30%</b>             | excellent (no softening, bubbles, non- discolor observed) |
| <b>FUELS</b>                   | excellent (no softening, bubbles, non- discolor observed) |
| <b>CHLORINE</b>                | good (no softening, bubbles, slight discolor observed)    |

\*THE ABOVE RESULTS FOR 7 DAYS IMMERSING



## INSTRUCTION FOR USE

- All substrates must be sound, clean, dry and free from grease, oils and dirt
- Concrete must be 28 days cured
- Use **VYFLOOR SB10** for thin pores profile or **VYFLOOR PF102** for wide pores profile as a primer coat
- Mix components and stir well using a suitable mixer with 300-500 rpm and let it for 2-3 minutes to avoid air bubbles
- Apply using brush, roller or air spray
- All tools should be cleaned with suitable solvent after use

## CLEAN UP

Clean all tools and application equipment with water immediately after use before the material hardens

## PRECAUTIONS

- **VYFLOOR EP200** doesn't contain any hazard materials
- **VYFLOOR EP200** is nonflammable.
- Wear gloves while working.
- Do not use material at temperatures that may cause premature freezing.
- Any splash to skin or eye should be washed using clean water.
- Consult the medical attention if necessary.

## TECHNICAL SUPPORT

For any technical support, please consult **VYCON** office or visit our website <http://www.vycon-eg.com>

## HEALTH AND SAFETY

Take precautions to avoid inhalation of spray mist and contact with skin and eyes. wear suitable protective clothing gloves, eye protection. if skin comes in contact it should be washed with fresh water and soap. eyes contact should be cautiously washed with fresh water. the product non toxic and non hazardous according to health and safety codes



**WARRANTY:** **VYCON CONSTRUCTION CHEMICALS** warrants that; (1) its products will perform substantially in accordance with the accompanying written materials for a period 1 year from the date of receipt. (2) The product will be free from defects in materials and workmanship under normal use for 1 year. In case of any product fails to conform to this warranty, **VYCON** will replace the product with no cost to the client. **VYCON** doesn't authorize anyone to make any written statement which may change the installation information or instructions of the product data. The wrong installation of the product which fails to conform to the instructions shall void the warranty.