

byk®



BYK EPOXY TX 9202 - 2K

Solvent Free Orange Peel Epoxy Coating

BYK EPOXY TX 9202-2K it is two component, orange peel effect epoxy coating. Its most specific properties are high surface hardness, high chemical and mechanical resistant.

PLACES OF USAGE

- Factories, warehouses, shopping malls, aircraft hangars,
- Schools, hospitals, pharmaceutical industry, food industry, laboratories, parking lots,
- Wastewater treatment plants, areas where heavy forklifts and corrosive chemicals are used

ADVANTAGES

- Excellent resistance to chemicals.
- Resistant to friction and abrasion.
- Easy to clean.
- Hygienic, requires no maintenance for a long time.
- Easy to apply.
- Solvent-free

TECHNICAL SPECIFICATIONS

| | | | | |
|--------------------|--------------------------------|-------------------------|------|---------|
| Gloss | : Glossy | | | |
| Denisty | : 1,55±0,05 gr/cm ³ | : 20°C TS EN ISO 2811-1 | | |
| Solid Content (%) | : 100 By weight | | | |
| Shore D | : 75-80 (After 7 days) | | | |
| Diluting | : Not recommended | | | |
| Mixing ratio (A/B) | : 19/5 | | | |
| Pot Life | : 30-35 min /23 °C, | : 200 g. DIN 16945 | | |
| Consumption | : 500-500 g/m ² | | | |
| Curing Time | : Tack Free Time. | : 6-8 saat | 23°C | TS 4317 |
| Recoat Time | | : 24 saat | 23°C | TS 4317 |
| Full Curing Time | | : 7 days. | 23°C | TS 4317 |

NOTE: Flammable and explosion products should be kept away during the application. Protective gloves and masks should be used for hands and eyes during application. The product should be used in well ventilated environments. If the material comes into contact with eyes, it should be washed immediately with su-cient water. Childrens should kept away from the product. For more detailed information, ask for the Safety Data Sheet (MSDS).

Surface Preparation

For Metal Surfaces: In order to achieve top level performance, sandblasting should be done at Sa 2 ½ level. The sandblasted surface should be primed with a dust rich epoxy primer or phosphate rich epoxy primer to form the required dry film before recording product identification information.

For Concrete Surfaces: The concrete surface must be clean, solid and have sufficient compressive strength (>25N/mm²), and tensile strength must be >1.5N/mm². The concrete floor to be insulated must be solid and there must be no movement on the surface. The grout layer on the surface must be removed. The concrete to be insulated must be at least C25 and preferably C30 – C35 standard

Concrete Standards: The surface should be cleaned with pressurized water and freed from oil, grease, dirt, mortar particles and dust. Concrete surfaces should be prepared to obtain an open porous surface by removing cement grout using abrasive equipment.



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It should also be completely cleaned from mold release agents, cement residues, shavings, loose particles and uncured membranes. The grout layer on the surface must be removed. (Shot-Blast, Rota Tiger etc.) If the surface is too shiny, it should be roughened with milling or sandblasting. Concrete cracks should be cut in a V shape, cleaned and false joints should be cleaned.

| | |
|--------------------------|--|
| Surface Temperature | : Min + 10 °C / Max + 30 °C |
| Ambient Temperature | : Min + 10 °C / Max + 30 °C |
| Material Temperature | : Must be between + 10 °C and + 30 °C. |
| Surface Moisture Content | : The moisture content in the concrete must be max. 4%. |
| Relative Humidity | : Must be max. 80% |
| Dew Point | : The ground temperature must be at least 3 oC above the dew point during application. |

Application Procedures

Mixing Ratio

A/B =19/5

Mixing

becomes homogeneous. Component B is then added to component A and the mixture is mixed continuously for 2 minutes until it becomes homogeneous. Avoid over-mixing to minimize air entrainment

Application Conditions

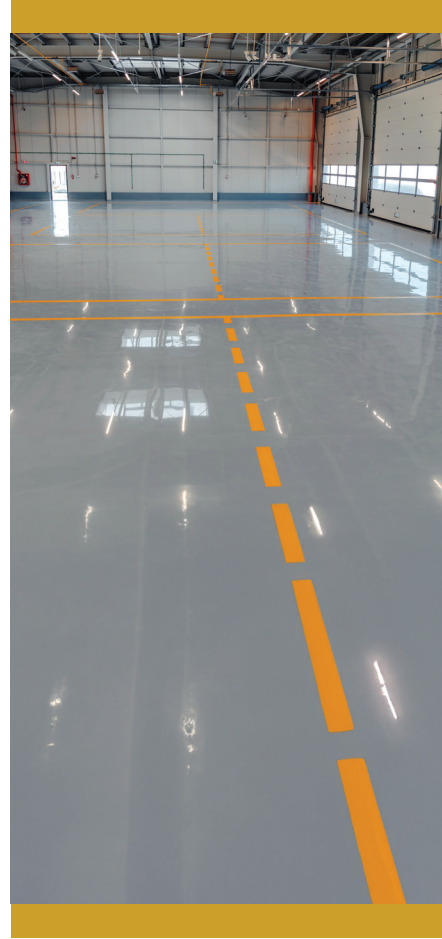
Please check the relative humidity and dew point before application. If the conditions are suitable, start the application. Solvent-free epoxy BC is poured onto the primed surface and spread on the surface by a notched trowel. Then, a spiked roller is passed over it to remove the entrained air. The prepared mixture should be consumed within a maximum of 40 minutes. Repair and leveling operations are carried out at least 8 hours after the previously applied epoxy primer

Packaging

A/B: 19/5 =24 kg set in metal buckets.

Consumption

500-500 g/m²



Shelf Life

It can be stored in its original unopened buckets in dry conditions at temperatures between 5°C and 25°C for a minimum of 12 months. Containers of unmixed components must be kept hermetically sealed until the next use.

Safety Precautions

Flammable and combustible products should be kept away during application. No smoking. Take care to ensure continuous ventilation of the application area. Protective equipment such as goggles and gloves should be used during application. In case of eye contact, rinse thoroughly with plenty of water. Ask for Material Safety Data Sheet for detailed information. Keep out of the reach of children. The product must be used by professional users, taking into account the data in the technical information section.

Responsibility

The data contained in this white paper is based on our scientific and practical knowledge. **DEMIRKOL TAAHHUT INSAAT SANAYI VE DIS TICARET LTD. STI.** is only responsible for the quality of the product. **DEMIRKOL TAAHHUT INSAAT SANAYI VE DIS TICARET LTD. STI.** cannot be held responsible for the consequences of using the product outside the written recommendations on how and where to use the product and/or misuse. The user is responsible for the correct application of our product. Our company is only responsible for the quality of the product. This catalog supersedes the information contained in the previous catalog. Our company reserves the right to make changes in all kinds of information and content details in this catalog. It is essential to check that the information in the catalog is up-to-date and valid. All rights reserved.