

# ZEEPSON TIX 520

## PRODUCT DESCRIPTION

ISOWEIR ZEEPSON TIX 520 is an epoxy based, two-component, solvent-free, orange patterned, colored, multi-purpose floor covering material.

## AREAS OF USE

On surfaces exposed to medium and heavy loads such as production areas, workshops, automotive industry, loading ramps, Underground parking lots, multi-storey parking lots, fairgrounds, shopping malls, Laboratories, hospitals, industrial kitchens, wet processing areas in food, chemical and pharmaceutical industries, Concrete and cement-based mineral surfaces, In areas where non-slip and easy cleaning is required.

## APPLICATION

**Surface Preparation:** If the concrete is new, the floor concrete should be cured (~ 21 days) and the moisture content of the concrete should not exceed 4%. Concrete surfaces should be thoroughly cleaned, dust and loose particles should be removed with rotating steel or vacuum cleaner, cracks and eyelet holes should be filled. After surface preparation, the concrete floor should be primed with suitable ISOWEIR ZEEPAS primer material and made ready for topcoat application. Do not apply on surfaces with insufficient waterproofing. Do not apply on wet, high humidity and frozen surfaces.

**Product Preparation and Application:** The mixing ratio should be 18 kg of



Component A and 2 kg of Component B by weight. Component A should be mixed with a low speed mixer until homogenized. Then Component B should be added to component A and the mixture should be mixed at about 100 rpm for at least 2 minutes. As the amount of contents you are mixing increases, you may need to increase your mixing time or mixing speed. As soon as you start mixing, there will be a cloudy appearance in the system at first, and as the mixing continues, it will start to become transparent again. Scrape the finished mixture into another clean container and mix again. You can complete your process by pouring the mixture you mixed for the second time into the area where you will apply. ISOWEIR ZEEPSON TIX 520 should be applied homogeneously with the help of a trowel or roller on the surface, which has completed the necessary preparations, in order to be an base coat, final preparation coat or top coat, in order to minimize air entrainment (to avoid bubbles). After making sure that the surface is completely covered, the application is completed by combing with the help of a satin and textured roller before the curing time expires in order to ensure a balanced distribution of the material and to give a pattern on the top coat. After application, the floor should be protected from direct contact with water for at least 48 hours.

**Points to be Considered:** Eyes should be protected during the application. It is recommended to wear gloves.

## FEATURES, ADVANTAGES

- ◆ Thanks to its high thixotropic properties, it provides a textured and non-slip surface.
- ◆ It has a high mechanical strength.
- ◆ It is resistant to abrasion and chemicals.
- ◆ Hygienic, easy to clean.
- ◆ Easy to apply.
- ◆ It is solvent free.
- ◆ It has high adhesion strength.
- ◆ It is liquid impermeable.



## HEALTH AND SAFETY INFORMATION

- ◆ Please consider the hazard and precautionary statements indicated on the product packaging.
- ◆ Follow the guidelines specified in the product's safety data sheet.
- ◆ In case of unexpected health issues, consult the nearest healthcare facility.

## TECHNICAL SPECIFICATIONS

Color	Ral colors
Gloss	Glossy
Appearance	-
Density (20 °C)	1,60 – 1,65 gr/cm <sup>3</sup> Thixotropic
Mixing Ratio (% Weight)	Component A 90% Component B 10%
Dry Film Thickness	260 microns
Wet Film Thickness	300 microns
Solid Matter (% Weight)	%96
Heat Strength (°C)	55 °C – 150°C (to be requested)
Application Temperature (°C)	10 °C – 35 °C
Application Apparatus	Steel spreading tool (Trowel). Hedgehog roller to remove gas bubbles
Thinning Rate	None
Mixture Life (20 °C)	30 minutes
Amount of Use m <sup>2</sup> /kg	0,600 – 0,700 kg
Drying Time (25 °C)	Initial Curing: 2 - 2.5 hours Second Coat: 18 - 24 hours Curing Period: 7 days
Packaging	Component A 18 kg Component B 2 kg Tin bucket
Storage Temperature	It should be stored in a place not exposed to direct sunlight, protected from frost, in closed packaging at 5 °C - 35 °C.
Storage Duration	1 Year
Quality Certificate	ISO 9001 – CE