

FLOORFIX[®] Eco 20

Acrylic Based PVC Floor Covering Adhesive

DESCRIPTION

Acrylic based, solvent-free, single component, dispersion floor covering adhesive for bonding PVC and linoleum floor coverings to pre-leveled surfaces.

APPLICATION AREAS

- Indoor and dry areas,
- Horizontal surfaces,
- Residential buildings,
- Hospitals,
- Educational facilities,
- Shopping malls, stores and markets,
- Bonding homogenous and heterogeneous PVC floor coverings,
- Bonding linoleum based floor coverings,
- Bonding rubber based roll coverings.

TECHNICAL PROPERTIES

Appearance	Grey colored flowable dispersion
Density	1.35 ± 0.05 kg/L
Gumming Time	20 – 25 minutes
Open Working Time	25 – 35 minutes
Time to Opening to Traffic	24 – 48 hours
Complete Curing	3 – 4 days
Application Temperature	Between +15°C and +30°C
Service Temperature	+5°C / +70°C

ADVANTAGES

- Solvent-free.
- Can safely be used indoor as it is waterborne.
- Spread easily and easy-to-apply.
- Odorless.
- Offers long workability.
- Can be applied on gypsum and cement based levelling compounds.
- Adheres well on the surface.
- Suitable for floors heating systems.
- Resistant to wheeled furniture.
- Economical.

CONSUMPTION

250 – 350 g/m² (Varies depending on the type of comb used, application thickness, absorbency and smoothness of the floor, type of coating material and ambient conditions).

PACKAGING

20 kg plastic buckets

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be cured.
- The surface must be clear of materials that prevent bonding, such as dust, oil, tar, paint, silicone, curing materials, detergents and mold oils. Cleanliness of the surface increases adhesion property.
- The surface must be sound, dry. Repair cracks with FIXA's appropriate Repair Mortars. Level the surface with FIXA's Cement or Gypsum Based Leveling Screeds before bonding and ensure that there is no level difference on the surface.

APPLICATION

- Apply FLOORFIX Eco 20 Acrylic Based PVC Floor Covering Adhesive on the surfaces that have been leveled and cured with FIXA's Cement or Gypsum Based Leveling Screeds.
- Stir FLOORFIX Eco 20 in the bucket thoroughly before the application.
- Pour the stirred dispersion adhesive with flowing consistency on the surface.
- Spread the adhesive homogeneously and evenly on the surface with a triangular toothed, notched trowel suitable for spreading.
- Adhere the coating material to the floor after approximately 20 – 25 minutes for gumming time. This duration may shorten or lengthen depending on the ambient temperature, humidity and absorbency of the surface.
- Pay attention to the gumming time; complete the bonding without letting it dry too much. Do not exceed the maximum open working time which is approximately 25 – 35 minutes.
- Go over the coating with cylindrical rollers to prevent air gaps under the PVC coating. For this process, the floor must be resistant to pressure.
- Weld the joints of the coatings at least 24 hours after the bonding.

CAUTION

- Avoid application at temperatures below +15°C and above +30°C.
- The material is ready to use. Do not add any substance.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, or in areas open to direct sun and wind.
- The exposure, working and drying time of the adhesive varies depending on many factors such as the temperature of the floor, its absorbency and the ambient conditions.
- Maximum open working time is 25 – 35 minutes.
- Do not add any foreign substance such as water or solvent to the expired product.
- Do not leave the product cover open during the application. Consume the open package quickly or close the lid tightly until the next use.
- Do not use outdoor or in industrial areas. Use only in indoor applications.
- Do not apply on wet surfaces exposed to moisture. The floor must be dry and must be free of impurities such as dust and oil that prevent adhesion.
- Turn the floor heating systems off at least 24 hours before the application and turn on at least 72 hours after the application.

SHELF LIFE

Expires in 12 months. Store unopened packages in a dry environment. Protect against frost and extreme heat, store between +15°C and +25°C.

HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Store out of the reach of children.



Technical Data Sheet (TDS)

Form No: 5.01 TDS Floorfix Eco 20
Rev: 01 – 08/2022

Date
01 August 2022

Page
3 / 3

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Yapı Chemicals San. Trade Ltd. Sti. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.