Technical Data Sheet

U-90 Super-Tileplus Red (TP-02)

Version 1.0

www.uraipaints.com

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Description

U-90 Super-Tileplus Red (TP-02) is a high-quality cement-based tile adhesive with excellent properties. Very good bonding strength. Great for tiling on a waterproof cement structure, an immersion area or swimming pool. Special dustless formula, helps to improve air quality in working condition and easy to clean up.

Application

Suitable for using to large size over to 60X60 cm or low porous tile such as granito tile, granite tile, clay tile, marble tile, natural stone tile, etc. Both to walls and floor, exterior and interior. An immersion area or pools are applicable e.g. kitchen, bath room, swimming pools, spa, etc.

Technical Data

Product type	:	Tile adhesive
Appearance	:	Grey powder
Powder density ($g \cdot cm^{-3}$)	:	1.400-1.500
Mixing ratio	:	Product: water = 20 kg: 5-5.2 L
Curing time of mixture	:	8-10 minutes
Pot life at 25 °C	:	45 minutes
Adjustment time	:	Within 15-20 minutes
Application tools	:	Trowel/ notched trowel
Drying time at 25 °C	:	Dry for grouting 24 hr. Dry to service 24-48 hr.

Application Instruction

Surface Preparation

Step	New Surface	Old Surface
1	Leave the surface to completely dry about 1 month. Make sure surface to be applied is clean and free from dust, dirt, grease or any contaminant.	Cleaning and scrub the surface with water injection to get free from dust, dirt, grease or any contaminant.
2	The surface must be level, sturdy and commonly curing. (In case of new render or screed must be allow to curing about 7 days before tiling.)	
3	In case of porous surface, checking to make sure the substrate is soaked with water before tiling.	

Mixing

- Mix U-90 Super-Tileplus Red (TP-02) into water by ratio 20 kg: 5-5.2 L.
- Stir well until a thick creamy consistency is achieved.
- Then, leave the mixture for curing about 10 minutes before using.

DISCLAIMER: *The above information provided herein is based on the present state of our knowledge and practical experience. Since the product is often used under different conditions beyond our control. We cannot guarantee anything but the quality of the product itself. All the rights are reserved to change the data without any notice.*

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Application Instruction (continue)	**Application** - Spread the mixture of tile adhesive with flat trowel onto surface, level tile adhesive mixture to be even before tile laying. - Tile can be adjusted within 15-20 minutes after laying. - The mixture should be used up within 45 minutes after mixing. - Grouting can be carried out once the tile adhesive has set about 24 hours. Completely cured times of tiling is 24-48 hours before using. **Recommendations** - Spread the tile adhesive onto substrate evenly, not recommend to apply by spotted to prevent gap between tile and substrate. - Avoid to apply the mixture to hot substrate or direct sunlight area. - DO NOT add water or tile adhesive into mixture after cured.
Coverage	3-7 sq.m^2 / 20 kg (depends on surface condition, surface absorption and tile size)
Storage & Shelf life	Best before 12 months in sealed container. Keep in well-ventilated place. Avoid keep in humidity area. When not in use, keep container tightly closed and use again after correct storage.
Safety, Health and Environment Information	● Keep out of reach of children. ● Use personal protective equipment as required. ● Use in a well-ventilated area. ● Repeated exposure to wet portland cement can cause serious, potentially irreversible tissue (skin or eye). Be careful while using this product. ● If on skin, wash with plenty of soap and rinse skin with clean water. ● If in eyes, rinse cautiously with water for several minutes. ● Avoid release to the environment.
Packing	20 kg

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