

# U-90 Tileplus Green (TP-01)

Version 1.0

Date of issue 29/05/2021

Description	U-90 Tileplus Green (TP-01) is a general cement-based tile adhesive. Easy to use with addition of water. The mixture provides smooth texture and easy on tile laying. Good bonding strength with special dustless formula, helps to improve air quality in working condition and easy to clean up.																																										
Application	Suitable for using to standard size up to 60X60 cm such as ceramic tile, granite tile, marble tile, etc. Both interior and exterior.																																										
Technical Data	<table><tr><td>Product type</td><td>:</td><td colspan="2">Tile adhesive</td></tr><tr><td>Appearance</td><td>:</td><td colspan="2">Grey powder</td></tr><tr><td>Powder density (g•cm<sup>-3</sup>)</td><td>:</td><td colspan="2">1.400-1.500</td></tr><tr><td>Mixing ratio</td><td>:</td><td colspan="2">Product: water = 20 kg: 5-5.2 L</td></tr><tr><td>Curing time of mixture</td><td>:</td><td colspan="2">8-10 minutes</td></tr><tr><td>Pot life at 25 °C</td><td>:</td><td colspan="2">45 minutes</td></tr><tr><td>Adjustment time</td><td>:</td><td colspan="2">Within 15-20 minutes</td></tr><tr><td>Application tools</td><td>:</td><td colspan="2">Trowel/ notched trowel</td></tr><tr><td>Drying time at 25 °C</td><td>:</td><td>Dry for grouting</td><td>24 hr.</td></tr><tr><td></td><td></td><td>Dry for service</td><td>24-48 hr.</td></tr></table>			Product type	:	Tile adhesive		Appearance	:	Grey powder		Powder density (g•cm <sup>-3</sup> )	:	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 for service	24-48 hr.
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Application Instruction	<p>Surface Preparation</p> <table><tr><th>Step</th><th>New Surface</th><th>Old Surface</th></tr><tr><td>1</td><td>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.</td><td>Cleaning and scrub the surface with water injection to get free from dust, dirt, grease or any contaminant.</td></tr><tr><td>2</td><td colspan="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.)</td></tr><tr><td>3</td><td colspan="2">In case of porous surface, make sure the substrate is soaked with water before tiling.</td></tr></table> <p>Mixing</p> <ul style="list-style-type: none"><li>- Mix U-90 Tileplus Green (TP-01) into water by ratio 20 kg: 5-5.2 L.</li><li>- Stir well until a thick creamy consistency is achieved.</li><li>- Then, leave the mixture for curing about 10 minutes before using.</li></ul>			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, make sure the substrate is soaked with water before tiling.																													
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Application Instruction (continue)	<p><b>Application</b></p> <ul style="list-style-type: none"> <li>- Spread the mixture of tile adhesive with flat trowel onto surface, level tile adhesive mixture to be even before tile laying.</li> <li>- Tile can be adjusted within 15-20 minutes after laying.</li> <li>- The mixture should be used up within 45 minutes after mixing.</li> <li>- 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.</li> </ul> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>- Spread the tile adhesive onto substrate evenly, not recommend to apply by spotted to prevent gap between tile and substrate.</li> <li>- Avoid to apply the mixture to hot substrate or direct sunlight area.</li> <li>- DO NOT add water or tile adhesive into mixture after cured.</li> </ul>
Coverage	3-7 sq.m <sup>2</sup> / 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	<ul style="list-style-type: none"> <li>● Keep out of reach of children.</li> <li>● Use personal protective equipment as required.</li> <li>● Use in a well-ventilated area.</li> <li>● Repeated exposure to wet portland cement can cause serious, potentially irreversible tissue (skin or eye). Be careful while using this product.</li> <li>● If on skin, wash with plenty of soap and rinse skin with clean water.</li> <li>● If in eyes, rinse cautiously with water for several minutes.</li> <li>● Avoid release to the environment.</li> </ul>
Packing	20 kg