



U-90 CE-FEX Waterproofing Cement (1K) No. 222

Version 1.1

Date of issue 5/03/2021

Description	A Single component (1K) ready mixed cementitious mortar to be using to protect and waterproof cement structure. Water pressure resistance to both of positive and negative (max 50 meters depth). Good bonding on concrete surface. Non-toxic and easy to use.																				
Application	Great for underground or immersion area on concrete or masonry substrate e.g. basement wall, water tank, bathroom, swimming pool, deck, underground car park, etc. Both to exterior and interior.																				
Technical Data	<table><tr><td>Product type</td><td>:</td><td>Mixed cementitious</td></tr><tr><td>Appearance</td><td>:</td><td>Grey powder</td></tr><tr><td>Mixed ratio</td><td>:</td><td>Product: water = 3: 1 (by weight)</td></tr><tr><td>Pot life at 30 °C</td><td>:</td><td>30 minutes</td></tr><tr><td>Application tools</td><td>:</td><td>Brush / Roller / Trowel</td></tr><tr><td>Dry to recoat</td><td>:</td><td>6 – 10 hours</td></tr></table>			Product type	:	Mixed cementitious	Appearance	:	Grey powder	Mixed ratio	:	Product: water = 3: 1 (by weight)	Pot life at 30 °C	:	30 minutes	Application tools	:	Brush / Roller / Trowel	Dry to recoat	:	6 – 10 hours
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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 colspan="2">Make sure surface to be applied is clean and dry. Free from dust, dirt, grease or any contaminant which will be effect to the adhesion.</td></tr><tr><td>2</td><td>New concrete or mortar surface should be cured for 7-8 days before application.</td><td><div>- In case of surface irregularities such as hole or cracks must be repaired before applying.</div><div>- Fungus and mold area should be killed with LOBSTER Shield mold wash no. 715.</div></td></tr><tr><td>3</td><td colspan="2">Concrete surface should be damp before apply the cement mixture.</td></tr></table> <p>Mixing</p> <ul style="list-style-type: none">● Gradually add U-90 CE-FEX No. 222 into water by ratio is 3: 1 (by weight).● Stir well until a thick creamy consistency is achieved.● The mixture should be used up within 30 minutes after mixing. <p>Application</p> <ul style="list-style-type: none">● Apply 1st layer of U-90 CE-FEX No. 222 mixture thoroughly on the substrate in one direction.● Leave the surface to dry for 6-10 hours depends on weathering condition.● Dampen the 1st coat and apply 2nd layer in vertical direction by thickness in recommendation is about 2 mm.			Step	New Surface	Old Surface	1	Make sure surface to be applied is clean and dry. Free from dust, dirt, grease or any contaminant which will be effect to the adhesion.		2	New concrete or mortar surface should be cured for 7-8 days before application.	<div>- In case of surface irregularities such as hole or cracks must be repaired before applying.</div> <div>- Fungus and mold area should be killed with LOBSTER Shield mold wash no. 715.</div>	3	Concrete surface should be damp before apply the cement mixture.							
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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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	<ul style="list-style-type: none"> The mixture should be used up within 30-40 minutes and when it becomes to be hardened, do not add water to reuse. Keep the surface dry 24 hours before tiling. Keep the surface dry 5-7 days in case of swimming pool tiling. Always cleaning tools with water immediately after use. <p>Recommendations</p> <ul style="list-style-type: none"> DO NOT add water or any chemical solution in to mixture. Avoid to apply the mixture to hot or cold substrate by optimal temperature range to use is 5-45 °C.
Coverage	1 – 1.3 sq. m. / 5 kg / 1 coat
Storage & Shelf life	Best before 1 year in sealed container. Keep container in a cool dry and well-ventilated place. When not in use, keep container tightly closed and use again after correct storage.
Safety, Health and Environment Information	Always use the personal protective equipment when using this product to prevent the exposure to dust.
Packing	5 kg per bag