

Luxury Elephants Flex 2K has the effect of preventing water permeability, suitable for projects such as basements, water tanks, swimming pools, terraces, floors, walls, slugs, toilet floors, etc.

Product Features

- Perfectly protects the floor, preventing water from seeping into the surface.
- Extremely well bonded with concrete, cement mortar surface.
- Abrasion resistance, salt water resistance, high alkali resistance.
- Very high durability over 10 years in case the surface after coating with **Luxury Elephants Flex 2K**, has been used for indoor works.
- Very high durability over 5 years in case the surface after coating with **Luxury Elephants Flex 2K**, has been used for outdoor works.
- Does not contain lead, mercury and other harmful chemicals, safe for construction and use.

Product Information

Composition

Part A: Cement
Part B: Resin

Packaging

1. Net weight 15 kg per set
Cement : 9 kg | Resin : 6 kg
2. Net weight 5 kg per set
Cement : 3 kg | Resin : 2 kg

Appearance / Color

Cement : Grey powder
Resin: White liquid

Shelf life

Part A: 1 year
Part B: 3 Year
If stored properly in original unopen packaging

Storage Conditions

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Container must be kept tightly closed.

Mixing ratio

A : B = 3 : 2 (parts by weight) + Water 10-15%

Thickness

Dry film thickness is 200-250 microns (1 coat) in normal construction conditions.

Drying time (theory)

2-3 hours, depending on weather conditions.

Consumption (theory)

~ 1-2m²/kg/2coats, depending on the surface roughness construction requirements and technique.

Pot life

~ 1 hour

Technical Information

**Adhesion Strength
after 7 Days**

> 0.7 N/mm²

**Elongation after 7 Days
(ASTM D412)**

> 250%

**Tensile Strength after
7 Days (ASTM D412)**

> 1.5 N/mm²

Flexibility Test at -10°C

No Crack

Surface application

Terrace, slug, balcony, toilet floor, kitchen floor, basement, swimming pool, basement, concrete or cement mortar floor surfaces.

Surface Preparation

- The old surface must be removed from grease, moldy moss, old paint layers, chalk dust, and weathered cement layers
- Making the chamfer at the corners of the wall and pipe
- The surface of the cement mortar and new concrete must reach sufficient grade and not peel. For the floor, it is necessary for the cement mortar structure to be stable (at least 21 days). After that, proceed to apply paint **Luxury Elephants Flex 2K**
- Make the chamfer at the corner of the wall and pipe, or use fiberglass mesh at corners when coating with **Luxury Elephants Flex 2K**
- Moisten the surface before application so that **Luxury Elephants Flex 2K** adheres well

Application

- Step 1: Prepare the blended mixture in the following proportions:
Part A: **3 kg** + Water: **10%-15%** (Part A + Part B) + Part B: **2 kg**
- Step 2: Mix Part A with Water well first. Then mix this mixture with Part B. Leave the mixture for 3-5 minutes for chemical curing and reducing air bubbles. The mixture after mixing must be used up within 1 hour.
- Step 3: Apply 2-3 coats of **Luxury Elephants Flex 2K** to the surface, each coat should be 6-8 hours apart. Let the surface dry for at least 5 days before applying for other works.
- Notice: Each coat must apply in the crosswise direction.
(1st coat: vertically, 2nd coat: horizontally, 3rd coat: vertically)
- The portion of the wall at a height of 200-300 mm from the junction of the wall and slab must be coated with **Luxury Elephants Flex 2K**.
- The drain pipe and the junction of the drain pipe with the flooring of the bathroom shall also be coated with **Luxury Elephants Flex 2K**.

Caution

- Do not left expose
- Cement may cause injury to the skin or eyes. Use of rubber gloves, dust masks, eye protection, and other safety equipment is recommended.
- If contact with eyes occurs, flush immediately and repeatedly with water, and then contact the doctor immediately.
- Avoid contact with skin. Wash thoroughly after handling.
- Keep out of reach of children

DISCLAIMER

The information in this document is given to the best of our knowledge, based on laboratory testing and practical experience. However, as the products are often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.