



# ARDEX WPM 006 II

## Superflex II (Type II)

### Advantages

- **Excellent extensibility, able to accommodate normal building movement**
- **Vapour permeable, releases underlying moisture**
- **High bond strength, beneficial for tile installation**
- **Easy to apply**
- **Eco-friendly formulation**



### Description

ARDEX WPM 006 (Type II) is a two-component, highly flexible waterproofing membrane, used in wet areas, such as bathrooms, balconies, terraces, washrooms, etc., as a robust and durable liquid-applied waterproofing layer.

### Areas of Application

Indoor and outdoor, general residential and commercial spaces, walls and floors;  
Applicable substrates: fully cured concrete, mortar screeds, moisture-resistant fibre cement boards, gypsum boards, plywood, blockboard, etc.

### Substrate Preparation

The substrate must be dry, clean, free of oil contamination, putty, laitance layer, and other substances that hinder adhesion. In addition, the substrate shall be free of sharp protrusions (such as nails, etc.). Newly poured concrete substrates must be cured for more than 28 days before subsequent construction. Dense concrete (>40MPa) and mechanically troweled and densified concrete substrates need to be roughened by appropriate mechanical methods. All floors need to have sufficient drainage slope. All cracks or holes greater than 2mm must be repaired and levelled in advance. Gaps of 2~6mm shall be filled with neutral sealant, and an extension band of 5mm shall be extended on both sides. When using ARDEX WPM 006 II, first apply the first coat along the direction of the gap. While it is still wet, fix the reinforcing fiber fabric onto the first layer, and then immediately apply the second layer. If there are cracks greater than 6mm, please contact your regional ARDEX technical service personnel in advance.

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### Mixing

The weight ratio is 0.6:1 (liquid: powder). Slowly pour the powder into the liquid and stir continuously until a uniform paste is obtained. An electric mixer is recommended. The mixed product must be fully used up within 2 hours; any expired material should be discarded.

### Application

Before application, prime the substrate with one coat of ARDEX P 60. When applying the first coat, use a roller or paint brush; after about 6-8 hours (or wait until it is dry), apply the second coat, with the brushing direction perpendicular to the first coat. The consumption is the same as that of the first coat. And check whether there are pinholes after the dry film is formed. If applying on a balcony, ensure that the coating is extended to a certain height on the surrounding vertical surfaces to ensure the waterproofing effect.

Do not use ARDEX WPM 006 Type II in negative-side waterproofing areas or in places with continuously rising moisture;

The service temperature range is between 10°C and 35°C;

Do not apply over wooden flooring.

Complete drying of the coating takes about 48 hours (at 23°C), and then tiles can be laid. If the temperature is lower or the humidity is higher, a longer curing time is required. The bathroom cannot be used before the coating is fully cured (at 23°C and 50% relative humidity, 3 days are required).

### Consumption

Approx. 2.1kg/m<sup>2</sup>/mm, depending on the substrate condition.

### Packaging

20 kg/pail; 40kg/set

### Consumption

Approx. 2.1kg/m<sup>2</sup>/mm, depending on the substrate condition.

### Standard

GB/T 23445-2025 (Type II)

### Storage & Shelf Life

Unopened, stored for 12 months in a dry and cool place (23°C, 50% relative humidity).

### Technical Data

At 23°C and 50% RH

Wet slurry density	approx. 1.72 kg/L
Solids content after mixing	approx. 81%
Recoat	6-8 hours
Tiling	approx. 48 hours
Flood test	approx. 72 hours
Tensile strength	
Original	≥1.8 MPa
Heating	≥80%
Alkaline	≥70%
Water immersion	≥70%
Elongation at break	
Original	≥80%
Heating	≥65%
Alkaline	≥65%
Water immersion	≥65%
Bonding strength	
Original	≥0.7MPa
Heating	≥0.7MPa
Alkaline	≥0.7MPa
Water immersion	≥0.7MPa
Water tightness (0.3MPa, 30min)	Watertight
Water permeability (back side)	≥0.6MPa

### Safety and Health

This product is safe and reliable under normal use. However, it contains Portland cement and quartz sand; prolonged direct contact may damage the skin. Avoid generating and inhaling large amounts of dust. Avoid direct contact with eyes and skin; wear appropriate protective mask, gloves and goggles during application. If it splashes into the eyes, rinse with plenty of clean water for several minutes. If large amounts of dust are inhaled, keep ventilation and rinse mouth with clean water. Seek medical attention if any adverse reactions occur.

For detailed information, please refer to the MSDS.