



## High performance polyurethane dispersion waterproofing membrane

- Highly flexible
- UV resistant
- Good adhesion on many material surfaces
- Make a homogeneous waterproof membrane, seamless, non-splice
- Solvent-free, non-toxic
- One-component, ready to use

**Application:**

- Exposed roof
- Reinforced concrete roof (both flat roof and sloping roof)
- Roof floor with finishing layer
- Terrace, balcony

### PACKING AND STORAGE

<b>Packaging:</b>	20kg/ drum
<b>Color:</b>	Grey/ White
<b>Shelf life and storage:</b>	12 months in storage conditions in dry areas, temperatures from 5 - 35 ° C and barrels are still closed.

### TECHNICAL DATA

Indicator	Weberdry PUD coat	
Coverage	High build system: weberdry PUD coat is reinforced with polyester technical fabric to increase tensile and tensile resistance of the whole system. The product is recommended for large area roof areas. Coverage can range from ~ 1.3 - 1.8 kg / m <sup>2</sup> depending on the type of surface, flatness and thickness of the waterproofing layer.	
- Adhesive Strength	EN 14891	> 1 MPa
- Adhesive Strength after heating	EN 14891	> 1 MPa
- Adhesive Strength after exposed with water lime	EN 14891	> 1 MPa
- Crack bridging capability	EN 14891	> 2 mm
- Tear strength	EN 14891	> 15 N/m
- Density		1.35 g/cm <sup>3</sup> at 23°C
Solids content	50% by volume	
Continuous working temperature	-5°C to 80°C	
Tensile strength	ASTM D412	> 2 MPa
Elongation to break	ASTM D412	≥ 300%
Rain resistance	After applying 2 - 8 hours	
Fully harden	2 - 4 days	

*\* Remark: These technical data and test results are from laboratory test. They could be different from in-situ results due to the differences in application and conditions.*

## TOOLS PREPARATION

- Mixer, grinder, scratch brush, trowel.
- Brush: a thick hair brush
- Roller: with a solvent resistant, short-hair roller
- Airless spray machine: use only for standard systems. For spray applied application, a minimum 2 layers.
- For the best performance, the pump should have the following parameter:
  - minimum pressure = 220 bar/min. output: 5.1 l/min.
  - minimum Ø nozzle: 0.83 mm (0.033 inch).

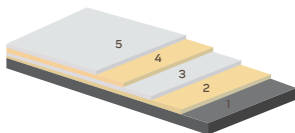
## SUBSTRATE PREPARATION

1. The substrate should be dry. The surface should be level, clean without any oil or dust. Repair unsatisfactory areas before applied Weber PUD coat. Make good any unsound area before the applied of weberdry PUD coat.
2. The surface temperature must be 3°C above the dew point at time of application.
3. Applied primer weberdry PUD coat by mixing with 10% water to the product (~ 0.3 kg/m<sup>2</sup>) with surface types: Concrete, Brick/stone, Slate/tiles, Bitumen based coating, Metals, Wooden substrates, Paint/coating.
  - \* Bitumen based coating: Ensure of good adhesion to the substrate and dry. Prime the entire area and always use "High build system". (Trials should be conducted before application all area)
  - \*\*Metal substrate must be in good condition. Grind the surface to reveal shiny metal, remove all rust and stains. If surface metal is not good, epoxy or any appropriate primer is recommended
  - \*\*\*Wood panel roof decks have to be in good condition, firmly adhered or proper mechanical fixed
4. Leave the primed surface to be tack-free for approximately 1-2 hours before the main two coat waterproofing application

## MIXING

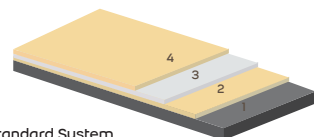
1. Product had pre-mixed just mix get the identical by mixer it is usable.
2. Do not mix weberdry PUD coat with water unless using as primer.

## APPLICATION



High build System

1. Substrate
2. Primer (weberdry PUD coat + 10% water)
3. 1st coat (weberdry PUD coat)
4. Reinforcement fleece
5. Final Coat (weberdry PUD coat)



Standard System

1. Substrate
2. Primer (weberdry PUD coat + 10% water)
3. 1st coat (weberdry PUD coat)
4. Final Coat (weberdry PUD coat)

### A. High build system: weberdry PUD coat used with Weberdry fleece to increase stress and durability

1. After Primer coat curing (Wait 1-2 hours) applied the first layer of Weber PUD coat with consumption ~ 0,5 kg/m<sup>2</sup> by roller or brush.
2. Wait 4-6 hours for the first layer to dry, then applied to the 2nd layer with consumption ~0,5 kg/m<sup>2</sup>. Used reinforced fabric layer Weber fleece and make sure there are no bubbles below or folds. Then applied final Weber PUD coat with consumption ~ 0,5kg/m<sup>2</sup>. Note: Adjacent layers between Weber fleece should overlap at least 5 cm, Make sure the weberdry fleece layer is adherent and cover with weberdry PU coat should be applied only 1m<sup>2</sup> for each, with less experienced workers. The surface should be flat after application.
3. Then applied final Weber PUD coat with consumption ~ 0,5kg/m<sup>2</sup>
  - Make sure the weberdry fleece layer is adherent and cover with weberdry PU coat should be applied only 1m<sup>2</sup> for each, with less experienced workers.
  - The surface should be flat after application

### B. Standard system

1. After Primer coat curing (Wait 1-2 hours) applied the first layer of Weber PUD coat with consumption ~ 0,5 kg/m<sup>2</sup> by roller or brush
2. Wait 4-6 hours for the first layer to dry, then applied to the 2nd layer with consumption ~0,5 kg/m<sup>2</sup>

## CURING

- Protec the surface from rain for 24h.
- Complete hardened after 7 days

## CLEANING TOOL

- Clean all tools and equipment by water immediately after use. Product hardened mortar can only be removed by mechanically.

## CONSTRUCTION NOTE

- Do not apply on substrates with rising moisture. Always apply during falling ambient and substrate temperatures. If applied during rising temperature, pin holes may occur from rising air.
- Ensure the temperature does not drop below 8°C and the relative humidity does not exceed 80% until the membrane has fully cured.
- Ensure that the coating is thoroughly dry and the surface is without pinholes before applying any top coat.
- Do not allow temporary ponding to remain between coats on any horizontal surfaces or until the final coat has totally cured. Brush or mop surface water away during this time.
- Do not apply on roofs subject to long-term water ponding with subsequent periods of frost. In cold climatic zones for roofing structures with a pitch of less than 3% appropriate measures must have to be considered.
- Do not apply directly on to insulation boards.
- Not recommended for high pedestrian traffic. In case heavy traffic is unavoidable, it shall be covered with appropriate covering materials such as tiles, stone plates, or wooden panels.
- Always start the detail application prior to waterproofing on horizontal surface.
- All joints should be treated with weberdry fleece or webertape BE 14.
- The previous layer must be cured and tack-free before the application of consecutive layer.
- Waiting times between layers are based on 20 – 30°C with 50% relative humidity.

## HEALTH SAFETY INFORMATION

- Avoid direct contact with skin or eyes. When getting into eyes, wash with plenty of clean water and see a doctor immediately.
- Keep out of the reach of children.
- Users should refer to the information and recommendations regarding the safe use, storage and disposal of products of the chemical group in latest technical safety documents on physical, chemical, toxicological, ecology and related safety criterias.

### Disclaimer:

The information related to Weber products is provided and recommended based on our knowledge and experience under properly stored, tested and used conditions under standard conditions. In practical applications, due to differences in materials, aggregates and actual site conditions, we do not guarantee the products will be suitable for any specific purpose, nor any legal binding on information, recommendations or advice from us. Users need to consult the latest documentation provided by us as well as check the product's suitability for the desired construction purpose.

## Other Weber waterproofing product



### Chống thấm



#### weberdry tex

Sản phẩm chống thấm gốc xi măng



#### weberdry 2Kflex

Sản phẩm chống thấm 2 thành phần có tính ĐÀN HỒI



#### weberdry top

Sản phẩm chống thấm 2 thành phần ĐỘ ĐÀN HỒI CAO



#### weberdry seal

Sản phẩm chống thấm gốc Acrylic pha trộn sẵn SIÊU ĐÀN HỒI



#### weberdry PUD coat

Sản phẩm chống thấm 1 thành phần gốc Polyurethane có độ ĐÀN HỒI CAO