

PRODUCT

weberdry plus is a non-flexible waterproofing mortar, with positive and negative water pressure resistance, suitable to water tanks, swimming pools, underground basements. Weberdry plus is compatible with drinkable water and it is applied with trowel and brush.

Weber Dry Plus

Cementitious Waterproofing
Waterproofing mortar in thin layer

BENEFITS

- Impermeability
- Compatible with drinkable water
- Positive and negative resistance

Presentation

25kg Package with grey and white color options

SCOPE OF USE

Admissible substrates*:

- Concrete, screed and walls
- Concrete surface

TEST RESULTS

Properties	Test method	Result
Bond strength / pull of strength	ASTM: D 4541-02	1.2 N/mm ²
Bond strength / pull of strength after water immersion	ASTM: D 4541-02	1.34 N/mm ²
Bond strength / pull of strength after heat storage	ASTM: D 4541-02	1 N/mm ²
Impermeability to water (waterproofing)	ES 2470:2005 in house	No penetration

*Test conducted by Mineral and Construction Input Material Laboratory, School of Chemical and Bio-Engineering, Addis Ababa Institute of Technology, Addis Ababa University, Addis Ababa, Ethiopia.

LIMITS

Application thickness higher than 5mm must be avoid.

Application in cracked substrates without previous treatment should be avoid.

CHARACTERISTICS

Color	Grey
Application Temperature:	5°C to 30°C and
Composition	Cement, resin, silica sand and organic/ inorganic additives
Mixing Ratio	8.5 to 10 lit./25 kg
Resting time after mixing process	2 minutes
Pot life	4 hours
Setting time	12 to 24 hours
Waiting time till tiling	7 days

APPLICABLE STANDARDS

EN 998 :1 ; EN 14891

CONSUMPTION

Brush or trowel technique

1,5 to 3kg/m² per mm thickness, depending on substrate conditions (Average values of consumption)

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Support must be clean and consistent. It is recommendable to apply a pre-washing of the support with liquid water pressure to remove all free particle of the surface.

Irregularities should be previous filled with appropriate mortar. Recommendable to humidify surface before applying weberdry plus.

PRODUCT APPLICATION

Combine a 25 kg bag of weberdry plus with 8.5 to 10 liters of clean water and stir until completely free of lumps. After, the paste is ready to be applied.

Do not add too much water or attempt to extend the working time by adding more water as this will cause the mortar to be weak with a tendency to loose resistance.

Do not mix more mortar than can be applied within 4 hours.

Spread mortar using a trowel or a brush to a minimum bedded thickness of 1mm (1,5kg/m²). Then, apply a reinforced alkali resistant mesh (3x3 or 4x4mm), ensuring adequate overlapping between layers on the top of the 1st layer. Apply a 2nd layer of mortar on the top and press the final result in order to achieve a thickness between 2 and 3mm.

Do not apply when conditions are not favorable, as freeze risk or intense heat and wind conditions.

RECOMMENDATION

Application should be done in a temperature range between 5 and 30°C.

Avoid external application when environmental conditions are unfavorable such as rainy weather, strong wind, frost or direct exposure to strong sunlight.

It is recommended to reinforce weberdry plus with an alkaline resistant fiber mesh 3x3 or 4x4 to improve crack resistance.

SAFETY INSTRUCTIONS

Consult MSDS and product packaging prior to using the product.

As individual protection, is recommendable to use gloves and nose mask against dust.

STORAGE

12 months after manufacturing date in original and nonopen packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

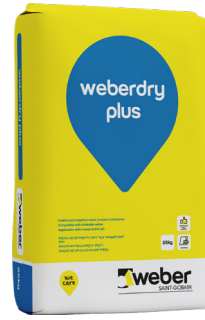
DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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Performance indicated above are the result of factual knowledge. Data is resulted from normalized laboratory tests at controlled laboratory conditions.



Weber Dry Plus

ዌበር ድራይ ፕላስ

- በስሱ የሚቀባ ውኃ የማያሳልፍ ቅይጥ/ምርግ
- የሚገባን ወይንም የሚወጣን የውሃ ግፊት የመቋቋም አቅም ያለው ለመጠጥ ውሃ ማጠራቀሚያነት የሚሆን በመለሰኛ ወይንም
- በብሩሽ መጠቀም የሚቻል ደረቅ ውሃ የማያሳልፍ ቅይጥ ሲሆን፤ የሚገባን ወይንም የሚወጣን
- የውሃ ግፊት የመቋቋም አቅም አለው። ለውሃ ማጠራቀሚያ፣ ለዋና ገንዳ እና ከምድር በታች ላሉ የግንባታ ስራዎች ተስማሚ ነው።

አስፈላጊ መረጃዎች / Technical Figures

- የመጀመሪያ ዙር ቅብ ከሆነ፤ እስኪደርቅ የሚፈጅበት ጊዜ - 12 ሰዓት
- የመጨረሻ ዙር ቅብ ከሆነ፤ እስኪደርቅ የሚፈጅበት ጊዜ - 24 ሰዓት
- የማጣባቂያ አቅም: 0,5N/mm²
- ትነት የማሳለፍ አቅም: $\mu < 35$
- ወሃ የመምጠጥ ኃይል ልኬት:
- ክፍት ከሆነ በኋላ ለአገልግሎት መዋል የሚችልበት ጊዜ: 4 ሰዓት አስፈላጊ የውሃ ብዛት: 5 ሊትር / 20ኪግ ከረጢት
- አስፈላጊ የሙቀት መጠን: 15-30 ዲግሪ ሴልሲየስ
- ፍጅታ : 1.5 እስከ 3 ኪግ በ ካሬ ሜትር በ1 ሚሜ ውፍረት ፣ እንደ ገፅታው ዓይነት ሊወሰን ይችላል

ጥቅም / Use

ዌበር ድራይ ፕላስ ውሃ ለመውጣት ወይንም ለመግባት የሚያደርገውን አስፈላጊ ግፊት ለመከላከል ጥቅም ላይ ይውላል። ከታች ለተጠቀሱት ቦታዎች ያገለግላል።

- ለውሃ ገንዳ / ለመጠጥ ውሃ ማጠራቀሚያ የሚሆነውን ጭምር /
- ከምድር በታች ለሚገኙ ክፍሎች / ግንባታዎች፣ ለሊፍት ሣጥኖች፣ ለቦይ

በሴራሚክ፣ ቀለም ወይንም ለማጠናቀቂያ ስራ የሚሆኑ ነገሮች መሸፈን/መቀባት ይችላል

አጠቃቀም/አተገባብር / Application

1 ሚሜ(1.5 ኪግ/ካሬ ሜትር) በሚሆን ውፍረት ቅይጡን በመለሰኛ ወይንም በብሩሽ ይመርጉት። በላዩ ላይ ደግሞ የጨው መበላትን የሚከላከል ማጠንከሪያ (3x3 ወይንም 4x4 ሚሜ) በመደራረብ ይለጥፉበት። በተጨማሪ በላዩ ላይ ለሁለተኛ ጊዜ ቅይጡን ይመርጉበት። በዚህም ጊዜ 2 እና 3 ሚሜ ብቻ ውፍረት እንዲኖረው ምርገን ይጫኑት።

እንደ በረዶማ ያለ ቅዝቃዜ፣ ከፍተኛ ሙቀት ወይንም ኃይለኛ ነፋሻማ የአየር ሁኔታ በሚሆንበት ጊዜ ለስራ አመቺ ስለማይሆን አይጠቀሙት።

ተስማሚ ቦታዎች / Suitable Surfaces

- ዌበር ድራይ ፕላስ ተስማሚ የሚሆነው ለሚከተሉት ቦታዎች ነው
- የሲሚንት ሊቮ እና ግድግዳ
 - አርማታ ወለሎች
 -

የቦታ ዝግጅት / Surface Preparation

ቦታው ንፁህና ወጥ መሆን አለበት። ቦታው ላይ የሚገኙ የሲሚንት / ባእድ እንጥብጥቢዎች ለማስወገድ ስራው ከመጀመሩ በፊት በፈሳሽ ውሃ ቢታጠብ ይመከራል። የተጎራበጡ ቦታዎች በተገቢ ምርጫ አስቀድሞ መሞላት አለባቸው። ዌበር ድራይ ፕላስ ከመጠቀሙ በፊት ቦታው እንዲናፈስ ይመከራል።

መደባለቅ / Mixing

- 20 ኪግ የ ዌበር ድራይ ፕላስ ከረጢት በ4 እስከ 5 ሊትር ንፁህ ውሃ በመቀላቀል የጓሳለ ውሁድ እስከማይኖረው ድረስ ያማስሉት። ከዚህ በኋላ ድብልቁ ጥቅም ላይ ለመዋል ዝግጁ ይሆናል።
- ብዛት ያለው ውሃ አይጨምሩበት። ለብዙ ጊዜ ለመጠቀም በተጨማሪ ውሃ ለማቅጠን መሞከር ግፊት የመቋቋም አቅሙን ስለሚቀንሰው ይህንን አያድርጉ።
- በ4 ሰዓት ውስጥ ለመጠቀም የሚያስፈልገው መጠን በላይ ቅይጥ አይቀላቅሉ።

አቀማመጥ እና የአገልግሎት ዘመን / Storage and Shelf Life

ሳይከፈት፣ ደረቃማ እና የሙቀት መጠኑ 5 ዲግሪ የሆነ ቦታ ላይ ሲቀመጥ የአገልግሎት ዘመኑ ከተፈበረከበት ቀን አንስቶ እስከ 12 ወር ነው።