
# Weber Dry Flex Comp A and Comp B

2K flexible waterproofing mortar
Microcrack resistant
Compatible with ceramic tiles
Compatible with drinkable water

## MAIN USES

- Walls and floors in wet areas (bathrooms, kitchens, sauna...) before tiling with ceramic
- Swimming pools
- Terraces and balconies
- Water reservoirs and tanks
- Microcracked cement-based surfaces

## SUPPORTS

- Concrete, cement based screeds, plasters and renders
- Tiles or stones, except in swimming pools or tanks
- Gypsum plasterboards

## LIMITS TO USE

- Do not apply over bituminous layers

## COMPOSITION

- Comp A: Portland cement, mineral fillers and adjuvants
- Comp. B: Liquid latex based on styrene acrylic dispersion

## CHARACTERISTICS OF USE

- Pot life: 45 to 60 minutes
- Thickness consumption: lower than 1,5kg/m2 to avoid cracks during drying
- Time between layers: 3 to 6 hours
- Time to tiling: 3 days
- Time to exposed to water: 7 days
- UV resistance

Expressed times are indicated for normalized lab conditions and can change according to different job site conditions.

## PERFOMANCE

- Paste density: 1,4 to 1,6kg/L
- Adhesion: > 0,5N/mm2
- Crack resistance: 0,75mm
- Capillarity coefficient: ≤ 2,5 kg/(m2.h1/2)

Expressed results are indicated for normalized lab conditions, following EN 14891, and can change according to different job site conditions.

## SUPPORT PREPARATION

- Support should be consistent and solid, with no residuals and free particles or other materials as oils and surface hydrophobic agents, paints...). Also, should be free of efflorescence that can reduce adhesion.
- Is allowed that support contains residual surface moisture.
- Irregularities and punctual areas should be corrected to avoid membrane thickness significative variations. Punctual areas can be corrected with adequate mortar.
- Connection between floor and wall (swimming pools and tanks) should be prepared with a half round that can be done with mortar mixed with latex (200mL per 25kg powder).
- Alternatively, a glass fiber mesh should be used to reinforce that area, 20cm applied to each side.
- Dilatation and fraction joins should be respected.

## MIXING AND APPLICATION

- Add liquid part (comp B.) in a bucket. Start to add slowly comp. B to the liquid using an electric mixer and mix small parts to avoid lumps formation.
- Respect the full liquid part with powder ratio in other to obtain the exact performance. If necessary, due to extreme conditions or not enough paste fluidity, is allowed to add until a maximum of 200mL of water to correct.
- Apply the paste, at least, with 2 layers, using a metallic trowel. Ensure a minimal consumption of 3kg/m2 in total and not more than 1,5kg/m2 per layer. Time between layers can go from 3 to 6 hours.
- Apply the 1st layer using the notched part of the trowel (3x3 or 4x4mm). Immediately after, apply a glass fibber mesh (3x3mm. 90g/m2) on the top and press the system to obtain a regular and flat combination. After indicated time, apply the 2nd layer with smooth part of metallic trowel.
- For less demanding areas, mesh application can be avoided. In that case, both layers are applied with the smooth part of the metallic trowel or with a brush.
- When tiling is required, do the process 7 days after, using proper tile adhesives (webercol plus or webercol flex/premium) and joint grouts (weber joint) of the Weber range

## KEY NOTES

- Application temperature range: 5 to 30ºC
- Do not apply in iced supports or with risk to it during the 1st 24 hours application membrane. Same risks when support is exposed to high temperatures and environment is exposed to strong wind.
- In case of hot temperatures or very absorbent supports, pre-humidification is recommended.
- Protect applied layers from early rains during 1st 48 hours.
- Wait 7 days before water contact

## KIT WITH

| | |
|---|---|
| Kit with | Comp. A: bag with 20kg powder<br>Comp. B: Plastic jig with 5L liquid |
| Colour | Grey |
| Shelf Life | 12 months after production, in closed package and protected from moisture and sun conditions. |

## SAFETY

- As it contains cement, product is considered irritant to eyes, lungs and mouth.
- Use mask, gloves and glasses to protect mouth, skin and eyes.
- Further information check MSDS

## 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።


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## አስፈላጊ መረጃዎች / Technical Figures

- የመጀመሪያ ዙር ቅብ ከሆነ፤ እስኪደርቅ የሚፈጅበት ጊዜ - 12 ሰዓት
- የመጨረሻ ዙር ቅብ ከሆነ፤ እስኪደርቅ የሚፈጅበት ጊዜ - 24 ሰዓት
- የማጣበቅ አቅም: 0,5N/mm2
- ትነት የማሳለፍ አቅም: μ < 35
- ወሃ የመምጠጥ ኃይል ልኬት:
- ክፍት ከሆነ በኋላ ለአገልግሎት መዋል የሚችልበት ጊዜ: 4 ሰዓት
- አስፈላጊ የውሃ ብዛት: 5 ሊትር / 20ኪግ ከረጢት
- አስፈላጊ የሙቀት መጠን: ከ5—30 ዲግሪ ሴልሺየስ
- ፍጆታ : 1.5 እስከ 3 ኪግ በ ካሬ ሜትር በ1 ሚሜ ውፍረት ፣ እንደ ገፅታው ዓይነት ሊወሰን ይችላል

## ተስማሚ ቦታዎች / Suitable Surfaces

ዌበርድራይ ፕላስ ተስማሚ የሚሆነው ለሚከተሉት ቦታዎች ነው

- የሲሚንቶ ሊሾ እና ግድግዳ
- አርማታ ወለሎች
-

## 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።

## ጥቅም / Use

ዌበርድራይ ፕላስ ውሃ ለመውጣት ወይንም ለመግባት የሚያደርገውን አላስፈላጊ 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።

## የቦታ ዝግጅት / Surface Preparation

ቦታው ንፁህና ወጥ መሆን አለበት። ቦታው ላይ የሚገኙ የሲሚንቶ/ ባእድ እንጥብጣቢዎች ለማስወገድ ስራው ከመጀመሩ በፊት በፈሳሽ ውሃ ቢታጠብ ይመከራል።
የተጎራበጡ ቦታዎች በተገቢ ምርግ አስቀድሞ መሞላት አለባቸው።
ዌበርድራይ ፕላስ ከመጠቀማችን በፊት ቦታው እንዲናፈስ ይመከራል።

## መደባለቅ / Mixing

- 20 ኪግ የ ዌበርድራይ ፕላስ ከረጢት በ4 እስከ 5 ሊትር ንፁህ ውሃ በመቀላቀል የጎሳለ 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።

## አጠቃቀም/አተገባበር / 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 ምርጉን ይጫኑት። እንደ በረዶማ ያለ ቅዝቃዜ፣ ከፍተኛ ሙቀት ወይንም ኃይለኛ ነፋሻማ የአየር ሁኔታ በሚሆንበት ጊዜለስራ አመቺ ስለማይሆን አይጠቀሙት።