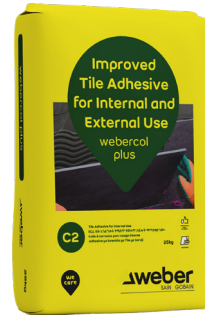


PRODUCT

Webercol Plus is a high performance cement-based polymer modified adhesive for fixing most types of tiles onto interior and exterior floors and walls.

Webercol Plus has very strong bonding in wet areas.



Weber Col Plus C2

Tile adhesive with improved properties

BENEFITS

- Extended open time
- Thixotropic
- Suitable for low porosity tiles
- Resistant to temperatures between -200C to +700C
- External & internal application for walls and floors
- Vertical application due to its slip resistance property
- Bonding strength exceeding the standard requirement

SCOPE OF USE

Webercol Plus is used for fixing a wide range of tiles:

- Ceramic
- Porcelain
- Mosaics
- Sandstone

Admissible substrates*:

- Concrete, screed
- Cement and lime based plasters/renders
- Lightweight blocks
- Stone walls (cleaned and prepared)

use webercol prime over difficult substrates such as gypsum, wood etc. Consult company for advice.

Webercol Plus can be used for tiling:

- Bathrooms, kitchens, stairs, rooms
- Heated floors
- Balconies, terraces
- Parking
- Façade and swimming pools, consult Saint-Gobain Weber for advice

CHARACTERISTICS

Color	Grey and White
Application Temperature:	5°C to 30°C and
Composition	Cement, resin, silica sand and organic/ inorganic additives
Mixing Ratio	5 to 6 lit./25 kg
Resting time after mixing process	2 minutes
Slip resistance comply with EN 12004	≤ 0.5mm
Compressive strength	>12 MPa
Pot life	4 hours
Open time	30 minutes
Open time (30 minutes)	≥0,5 N/mm ²
Waiting time to grouting	24 hours
Waiting time to walk on	24 hours

APPLICABLE STANDARDS

EN 12004 class C2TE, ANSI 118.4

CONSUMPTION

Notched trowel	Tiling Technique	
	Single buttering	Double buttering
6x6	4kg/m ²	6kg/m ²
9x9	6kg/m ²	8kg/m ²
Average values of consumption		

TEST RESULTS

Test for EN 1308/ EN 1348/ EN:1346

Properties	Test method	Result
Slip resistance	EN 1308	0.2 mm
Initial tensile adhesion strength	EN 1348	1.0 N/mm ²
Tensile adhesion strength after water immersion	EN 1348	1.0 N/mm ²
Tensile adhesion after freezethaw cycles	EN 1348	1.0 N/mm ²
Tensile adhesion strength after heat ageing	EN 1348	1.0 N/mm ²
Open time (30 minutes)	EN 1348	≥0,5 N/mm ²

SAFETY INSTRUCTIONS

SURFACE PREPARATION

The support must consistent, clean and dry.

Check if existing cracks are treated and/or stabilized.
Check if shrinkage process is stabilized. Ensure there are no oils and other substances that can negatively impact adhesion.

Check irregularities and ensure there are no deviations higher than 5mm. If existing, regularize with tile adhesives until 10 mm thickness.

On Gypsum based supports, ensure to apply a primer prior to tiling.

PRODUCT APPLICATION

Mix webercol plus adding up 5-6liters of clean water per

25kg bag, either manually or with a slow speed (500rpm)

mechanical mixer until a uniform lump free paste is obtained.

Leave the mix to rest for 2 minutes.

Spread the mixed product on the substrate with a notched trowel, to a maximum surface area of 2m².
Bed the tiles firmly unto the adhesive ensuring a good contact.

If tile sizes are larger than 900cm² (30x30cm), use the double buttering technique to ensure maximum contact between adhesive and tile.

Occasionally, remove a tile to verify good adhesion.

RECOMMENDATION

Avoid external tiling when environmental conditions are unfavorable such as rainy weather, strong wind, frost or direct exposure to strong sunlight. The double-buttering technique should always be applied in external applications. Also, when tile surface is larger than 900cm² (both interior and exterior).

It is recommended to leave joints between tiles, this, to ensure release of tensions due to movements of the system and/or the elements. A minimum of 2mm width for interior and 5mm for exterior between tiles should be respected. Joints can be filled with Weberjoint Grout.

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 non non-open 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

The information included on this Technical Data Sheet is the sole property of Saint-Gobain Weber Ethiopia. The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit. Performance indicated above are the result of factual knowledge. Data is resulted from normalized laboratory tests at controlled laboratory conditions.

ዌበር ኮል ፕላስ

ዌበር ኮል ፕላስ በሲሚንት እና ከሚያጣብቅ ጎጥረ ነገር የተሰራ አነስተኛ የመምጣጥ አቅም ያላቸውን ታይሎች ለውስጥ እና ለውጭ ክፍሎች ለማጣበቅ ያገለግላል። የምርቱን ወጥ የሆነ ጥራት ለመጠበቅ ሲባል ከተመረጡ ጥሬ እቃዎች ተሰርቷል። የሚያስፈልገው በስራ ወቅት ውሃ መጨመር ብቻ ነው።



Weber Col Plus C2

አስፈላጊ መረጃዎች

- ስራ ላይ ከዋለ በውኃ ለማስተካከል ያለው ጊዜ = 30 ደቂቃ
- ክፍት ሆኖ ሳይዘጋ መቆየት የሚችልበት ጊዜ = 30 ደቂቃ
- እሽጉ ከተከፈተ በውሃ ለአገልግሎት የሚወልበት ጊዜ = 4 ሰዓት
- በታይሎች መኃል ከተዋለ በኋላ ደርቆ በተሳካ ሁኔታ የሚያጣብቅበት ጊዜ = 24 ሰዓት
- የውሃ ፍጆታ = ከ 5 እስከ 6 ሊትር /25 ኪግ ከረጢት
- ለጥቅም መዋል የሚችልበት የውቀት መጠን = ከ 5 እስከ 30 ዲግሪ ሲልቪየስ
- ግድግዳ ላይ በምንጠቀምበት ወቅት የመለሰኛው ስፋት 6 ሚሜ ሆኖ 6 ካሬ ሜትር መሸፈን የሚችል መሆን አለበት
- ወለል ላይ በምንጠቀምበት ወቅት የመለሰኛው ስፋት 10 ሚሜ ሆኖ 4 ካሬ ሜትር መሸፈን የሚችል መሆን አለበት

መደባለቅ

- 25 ኪግ የዌበር ኮል ፕላስ ከረጢት ከ5 ሊትር ጎጥህ ውሃ ጋር በመቀላቀል የጓሳለ ውሁድ እስከማይኖረው ድረስ ያማሰሉት።
- ከዚህ በኋላ እስኪሰክን 5 ደቂቃ በመጠበቅ ከእንደገና በደንብ ይደባልቁት። ትንሽ ውሃ በመጨመር የቅይጥን ወጥነት መቆጣጠር ይቻላል።
- ብዛት ያለው ውሃ አይጨምሩበት። ለብዙ ጊዜ ለመጠቀም በተጨማሪ ውሃ ለማቅጠን መምከር የማጣበቅ ኃይሉን ስለሚቀንሰውና ሲደርቅ ሲለሚሰባበር ይህንንም አያድርጉ።
- በ4 ሰዓት ውስጥ ለመጠቀም የሚያስፈልገው መጠን በላይ ቅይጥ አይቀላቅሉ።

ጥቅም

- ሴራሚክ ታይሎችን ከሊቮ፣ አርማታ እና ሲሚንት ምርጫ ጋር ለማጣበቅ ይጠቅማል
- ለውጭም ሆነ ለውስጥ ክፍሎች ተስማሚ ነው
 - ለግድግዳም ሆነ ለወለል ተስማሚ ነው

አጠቃቀም/አተገባበር

- ለግድግዳ 3 ሚሜ ለወለል ደግሞ 5 ሚሜ በሚሆን ውፍረት ቅይጥን በመለሰኛ ይመርጉት።
- በኃይል የተጣበቁ፣ የተዘበረቀቁ ወይንም የመሰካካት ባህሪ ያላቸው ታይሎችን በመኃከላቸው ክፍተት እንዳይኖር ያልደረቀው ማጣበቂያ ላይ ከማድረጋችን በፊት በቅይጥ በደንብ መመረጥ አለባቸው።
- ታይሎችን እርጥብ ማጣበቂያው ላይ በምናስቀምጥበት ወቅት በደንብ መጫን ያስፈልጋል።
- ትላልቅ ወይንም ክብደት ያላቸውን ታይሎች በምናስቀምጥበት ወቅት የጎማ መደሻ እንጠቀም።
- በታይሎች እና በማጣበቂያው መሃል ምንም ክፍተት አለመኖሩን ለማረጋገጥ አለፍ አለፍ እያልን ታይሎች ከፍ እያደረግን እናያለን።
- በታይሎች መሃከል ክፍተት መፍጠር አለብን።
- ታይሎች ከተመረገው ማጣበቂያ ጋር በደንብ ከተጣበቁ በኋላ የራስ ስፖንጅ በመጠቀም ታይሎች ላይ ያሉትን ትርፍ ማጣበቂያ ከመድረቁ በፊት እናስወግዳለን።
- ከደረቀ በኋላ ለማስለቀቅ ያለን ምርጫ በመፈተግ ነው።
- በታይሎች መካከል ያለው ክፍት ቦታ ለወለል 3 ሚሜ መሆን ሲኖርበት ለግድግዳ ደግሞ 2 ሚሜ መሆን አለበት። ይህንን ክፍት ቦታ ከመሙላታችን በፊት አጣባቂው ውሁድ እስኪደርቅ 24 ሰዓት መጠበቅ አለብን።

ሽፋን

ብዛቱ እንደምንጠቀምበት ቦታ ገፅታ ዓይነት እና እኩልነት ቢለያይም ከዋለ ጎደል በ 6 ካሬ ሜትር ቦታ ላይ 25 ኪግ ከረጢት የሚበቃ ኪሆን ለግድግዳ ታይል ስራ የመለሰኛው ስፋት 6 ሚሜ ሆኖ 6 ካሬ ሜትር መሸፈን የሚችል እና ለ ወለል የመለሰኛው ስፋት 10 ሚሜ ሆኖ 4 ካሬ ሜትር መሸፈን የሚችል መሆን አለበት።

ተስማሚ ገፅታዎች

- ዌበር ኮል ፕላስ እንደሚከተሉት ዓይነት ገፅታ ያላቸው ቦታዎች ላይ ተስማሚ ነው
- የሲሚንት ሊቮ
 - አርማታ
 - ሲሚንት ምርጫ

አቀማመጥ እና የአገልግሎት ዘመን / Storage and Shelf Life

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