

## PRODUCT

Webercol Plus Premium is a high performance cement based polymer modified adhesive for fixing all types of tiles and stones onto interior and exterior floors and walls. Recommended for wet areas such as bathrooms and swimming pools.

## 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 Premium is used for fixing a wide range of tiles:

- Ceramic
- Porcelain
- Mosaics
- Sandstone
- Granite
- Marble
- Natural stones

### 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 Premium can be used for tiling:

- \*Swimming-pools
- Bathrooms, kitchens, stairs, rooms
- Heated floors
- Façades, balconies, terraces
- Parking



## Weber Col Plus Premium C2S

High performance tile adhesive with improved properties

## CHARACTERISTICS

Color	Grey and white
Application Temperature:	5°C to 30°C
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/mm2
Waiting time to grouting	24 hours
Waiting time to walk on	24 hours

## TEST RESULTS

### Test for EN 1308/ EN 1348/ EN:1346

Properties	Test method	Result
Slip resistance	EN 1308	0.183 mm
Initial tensile adhesion strength	EN 1348	1.55 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion	EN 1348	1.6 N/mm <sup>2</sup>
Tensile adhesion after freeze-thaw cycles	EN 1348	2.32 N/mm <sup>2</sup>
Tensile adhesion strength after heat ageing	EN 1348	2 N/mm <sup>2</sup>
Open time (30 minutes)	EN 1348	≥0,5 N/mm <sup>2</sup>

\*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.

## APPLICABLE STANDARDS

EN 12004 class C2TE, ANSI 118.4

## INSTRUCTIONS FOR USE

### 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 Premium 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 2m<sup>2</sup>.  
Bed the tiles firmly unto the adhesive ensuring a good contact.  
If tile sizes are larger than 900cm<sup>2</sup> (30x30cm), use the double buttering technique to ensure maximum contact between adhesive and tile.  
Occasionally, remove a tile to verify good adhesion.

## CONSUMPTION

	Tiling Technique	
	Single buttering	Buttering-Floating
6x6	4kg/m <sup>2</sup>	6kg/m <sup>2</sup>
9x9	6kg/m <sup>2</sup>	8kg/m <sup>2</sup>
Average values of consumption		

## 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 900cm<sup>2</sup> (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.

## RECOMMENDATION

Consult MSDS and product packaging prior to using the product. As individual protection, is recommendable to use gloves and nose mask against dust.

## 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.

## 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.

## NOTE

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### ዌበርኮል ፕላስ ፕሪሚየም C2S

ዌበርኮል ፕላስ ፕሪሚየም በሲሚንቶ እና ከሚያጣብቅ ንጥረ ነገር የተሰራ አነስተኛ የመምጣጥ አቅም ያላቸውን ታይሎች ለውስጥ እና ለውጭ ክፍሎች ለማጣበቁያነት ያገለግላል። የምርቱን ወጥ የሆነ ጥራት ለመጠበቅ ሲባል ከተመረጡ ጥሬ እቃዎች ተሰርቷል። የሚያስፈልገው በስራ ወቅት ውሃ መጨመር ብቻ ነው።



### Weber Col Plus Premium C2S

#### አስፈላጊ መረጃዎች

- ስራ ላይ ከዋለ በውኃ ለማስተካከል ያለው ጊዜ = 30 ደቂቃ
- ክፍት ሆኖ ሳይዘጋ መቆየት የሚችልበት ጊዜ = 30 ደቂቃ
- እሽጉ ከተከፈተ በውሃ ለአገልግሎት የሚወልደው ጊዜ = 4 ሰዓት
- በታይሎች መኃል ከተሞላ 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 የዌበርኮል ፕላስ ከረጢት ከ5 ሊትር ንፁህ ውሃ ጋር በመቀላቀል የጓሳ ውሁድ እስከማይኖረው ድረስ ያማሰሉት።
- ከዚህ በኋላ እስኪሰክን 5 ደቂቃ በመጠበቅ ከእንደገና በደንብ ይደባልቁት። ትንሽ ውሃ በመጨመር የቅይጡን ወጥነት መቆጣጠር ይቻላል።
- ብዛት ያለው ውሃ አይጨምሩበት። ለብዙ ጊዜ ለመጠቀም በተጨማሪ ውሃ ለማቅጠን መሞከር የማጣበቅ ኃይሉን ስለሚቀንሰውና ሲደርቅ ሲለሚሰባበር ይህንንም አያድርጉ።
- በ4 ሰዓት ውስጥ ለመጠቀም የሚያስፈልገው መጠን በላይ ቅይጥ አይቀላቅሉ።

#### ጥቅም

ሴራሚክ ታይሎችን ከሊቮ፣ አርማታ እና ሲሚንቶ 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 ቅይጡን በመለሰኛ ይመርጉት።
- በኃይል የተጣበቁ፣ የተዘበረቀቁ ወይንም የመሰካካት ባህሪ ያላቸው ታይሎችን በመኃከላቸው ክፍተት እንዳይኖር ያልደረቀው ማጣበቂያ ላይ ከማድረጋችን በፊት በቅይጡ በደንብ መመረጥ አለባቸው።
- ታይሎችን እርጥብ ማጣበቁያው ላይ በምናስቀምጥበት ወቅት በደንብ መጫን ያስፈልጋል።
- ትላልቅ ወይንም ክብደት ያላቸውን ታይሎች በምናስቀምጥበት ወቅት የኃሚ መደሻ እንጠቀም።
- በታይሎች እና በማጣበቂያው መሃል ምንም ክፍተት አለመኖሩን ለማረጋገጥ አለፍ አለፍ እያልን ታይሎችን ከፍ እያደረግን እናያለን።
- በታይሎች መሃል ክፍተት መፍጠር አለብን።
- ታይሎች ከተመረጠው ማጣበቂያ ጋር በደንብ ከተጣበቁ በኋላ የራስ ስፖንጅ በመጠቀም ታይሎች ላይ ያሉትን ትርፍ ማጣበቂያ ከመድረቅ 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 ከሞላ 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

- ዌበርኮል ፕላስ እንደሚከተሉት ዓይነት ገፅታ ያላቸው ቦታዎች ላይ ተስማሚ ነው
- የሲሚንቶ ሊቮ
  - አርማታ
  - ሲሚንቶ 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።