



WALL FLOAT PRO

TECHNICAL DATA SHEET



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PRODUCT DESCRIPTION

Are you tired of dealing with the hassle and inconsistency of job-site mixes? Look no further than Wall Float Pro – the professional-grade bedding mortar that delivers unparalleled performance and reliability. Wall Float Pro is a blend of high-quality materials that meet ASTM standards. Featuring a premium mixture of washed and graded plaster sand that conforms to ASTM C144, Type S Lime that conforms to ASTM C207 requirements and Portland cement that conforms to ASTM C150, this product is designed to provide exceptional durability, workability, and adhesion. Whether you're tackling a scratch and brown application or seeking a leveling coat over metal lath for tile installations, Wall Float Pro has got you covered. Its controlled mix ratio and the superior quality of its ingredients ensure a consistent, reliable performance that you can trust.

Available in Brown and Gray 75 Lb. bags

INDUSTRY STANDARDS AND APPROVALS

VOC: SCS Indoor Advantage Gold

WHERE TO USE

- Residential and commercial installations.
- Walls and ceilings only.
- In a two-step application, scratch and brown, or as a leveling coat over tile lath or concrete masonry for tile installations.

SUITABLE SUBSTRATES

- Concrete (Cured for at least 28 days).
- Properly prepared wood floors with metal lath.
- Block & backer board.
- CementPro waterproofing and crack-isolation membranes.

Always do a test with the bonding mortar to verify the suitability of the bond to the substrate.

Reference NTCA Reference Manual for installation recommendations, including those concerning substrates not listed.

LIMITATIONS

- Install only at temperatures between 50° F and 95° F.
- Do not use over gypsum underlayment, hardwood, OSB, particle board or parquet flooring.
- Do not overwater.
- DO NOT add or mix any materials with Wall Float Pro.

SURFACE PREPARATION

- All surfaces should be frost free and between 50° F and 95° F, structurally sound, clean, hard, and free from dirt, dust, wax, sealers, curing compounds, grease, paint efflorescence, or any other bond-breaking contaminants.
- Walls and ceilings must be structurally sound, free of movement and dimensionally stable.
- Repair cracks with a patching compound such as [Patch Pro](#).
- Smooth surfaces must be mechanically scarified.
- **Substrate prep should comply with ANSI A108.01 "General Requirements: Subsurfaces and Preparations by Other Trades."**
- **Consult TCNA method EJ-171 for expansion joint placement.**

MIXING

- 1 Start with 3 quarts of cool, clean water and place into a clean mixing container.
- 2 Gradually add ½ bag of Wall Float Pro to the water and mix with an electric drill with an angled cross (blade mixer) on low speed for 2 to 3 minutes until the material becomes a to a slurry consistency.
- 3 Add the remaining balance of the bag and water as needed to the mix until the material is smooth, fluffy, and lump-free.
- 4 The finished consistency is reached when the trowel ridges remain upright without flow or slump.
- 5 The addition of too much water or re-tempering (adding after the material sets) can reduce strength and cause shrinkage.
- 6 Occasional mixing of the mortar during use is recommended. However, DO NOT add fresh materials or re-temper. Adding water (re-tempering) can reduce the materials' performance and bond strength.

- >> **Cold Weather Note:** The setting of cementitious mortars and grouts slows concurrently as the temperature drops from 50°F to 35°F. At 35°F it almost ceases. When these conditions occur, additional time must be allowed for the cement bonding materials to sufficiently harden before traffic is allowed. Do not allow mortar or grout to freeze, and do not apply when the substrate is frozen.
- >> **Hot Weather Note:** Hot weather, or any combination of high air temperature, low relative humidity and wind velocity, increases the tendency for dry shrinkage cracking of mortars and grouts, poor physical strength of the cured setting materials from the higher levels of water used during mixing, improper curing and decreases the durability of the installation. Substrates exposed to direct sunlight will have increased temperatures resulting in a rapid loss of workability increasing a mortar's tendency to skin over and dehydrate prematurely and fail to achieve its design strength.

Be aware that it is the temperature of the tile products, bonding materials and substrate that counts, not just the air temperature.

APPLICATION

(Refer to current ANSI A 108.01 and ANSI A 108.1A specifications and TCNA handbook guidelines)

- 1 Apply the first coat of Wall Float to an approximate thickness of 3/8".
- 2 Once the first coat has sufficient strength to hold a second coat, apply a second coat to an approximate thickness of 3/8". *The maximum recommended thickness is 3/4".*
- 3 The final finish must be considered after applying the second coat.
- 4 All coats must be applied with sufficient material and pressure to ensure optimal contact with the surface.

CURING

- The initial set and full cure length depend on climate conditions, usually 24 to 48 hours.
- Allow proper curing time before the application of adhesives, such as CementPro adhesives.
- Always do a test with the bonding mortar to verify the suitability of the bond to Wall Float Pro.
- DO NOT accelerate the curing of this material with mechanical fans or heating devices.

TECHNICAL INFORMATION	
Pot Life	1.3 hours
Shelf Life	1 Year
Storage	Dry and closed / No humidity
Initial Set Time	2 hours
Final Set Time	8 hours
Application Temperature Range	50°F - 100°F
VOCs (SCAQMD Rule #1168)	0g per L

COVERAGE PER BAG	
APPLIED THICKNESS	COVERAGE
1" (2.5 cm)	9 ft ² (0.84 m ²)

ASTM TESTING	
Air Content (%)	6.0 - 10.0 (ASTM C185)
Water Retention (%)	88.0 - 93.0 (ASTM C1506)
Compressive Strength @ 1 day	1480 - 2080 psi (ASTM C109)
Compressive Strength @ 7 days	3240 - 3660 psi (ASTM C109)
Compressive Strength @ 28 days	4370 - 4450 psi (ASTM C109)
Flexural Strength @ 1 day	330 - 335 psi (ASTM C78)
Flexural Strength @ 7 days	455 - 460 psi (ASTM C78)
Flexural Strength @ 28 days	575 - 620 psi (ASTM C78)
Coefficient of Thermal Expansion	1.69E-05 - 3.76E-06 (ASTM C531)

ENVIRONMENTAL INFORMATION

CementPro is committed to environmental responsibility in products produced and manufacturing practices. For information on CementPro's commitment to sustainability and transparency and how CementPro products may contribute to green building standards and certification systems, contact sustainability@cementpro.com or visit www.cementpro.com/sustainability.

// KEEP OUT OF REACH OF CHILDREN //

PRECAUTIONARY STATEMENTS

This material contains Portland cement and silica sand.

- Contact with dry or freshly mixed mortar, grout, or concrete may cause skin irritation.
- Avoid direct contact and wash exposed skin areas promptly with water.
- If any cementing material gets into the eyes, rinse immediately and repeatedly with water, and seek prompt medical attention.

For detailed information on how to use and handle this product safely, see the [Material Safety Data Sheet](#).

California Prop 65 Warning for Quartz Silica Sand

This product contains crystalline silica, a substance known to the State of California to cause cancer. Inhalation of crystalline silica dust can increase the risk of lung cancer, especially for those exposed for extended periods. To minimize exposure during use, always follow safe handling practices like dust suppression techniques during cutting, grinding, or other dust-generating activities. Wear appropriate personal protective equipment, including a respirator with a high-efficiency particulate air (HEPA) filter, and wash hands thoroughly after handling. For more detailed safety information and instructions, please refer to the product's Material Safety Data Sheet (MSDS) available at https://cementpro.com/wp-content/uploads/2022/07/MSDS_WallFloat_2022.pdf or the California Office of Environmental Health Hazard Assessment (OEHHA) website: <https://www.oehha.ca.gov/>

LEGAL NOTICE

This Product Data Sheet has been prepared in good faith based on information available at the time of publication. It is intended to provide users with information and guidelines for properly using and applying the covered CementPro brand product(s) under normal environmental and working conditions. Because each project is different, CementPro cannot be responsible for the consequences of variations in such conditions or unforeseen conditions.

WARRANTY

Every Wall Float Pro purchase enjoys a standard 1-year limited warranty, safeguarding its quality and performance. Unlock the full potential of your project with our extended 25-Year System Warranty! Use Wall Float Pro as part of a complete CEMENTPRO installation system and qualify for this extended coverage. Head to <https://cementpro.com/warranty/> for complete details on the standard warranty and the 25-Year System Warranty specifics. At CementPro, we stand behind our products and your satisfaction.



FOR WARRANTY QUESTIONS

Write to: 3929 E Guasti Rd, Unit C Ontario, CA 91761

Call: (951) 300-0300 Ext. 600

Email: Warranty@cementpro.com