

Kast Krete

CASTING CEMENT(WHITE AND LIGHT TAN)

Kast Krete is a specially formulated polymer-modified concrete mix ideal for creating mould formed products such as window casing, pillars, garden ornaments, stained glass stepping stones, table tops and many more.

Can be removed from mould in about 15-30 minutes, depending on temperature, humidity, mixing water, temperature and mould size.
Easy to mix, just add water.

Mould or form preparation: Apply a light coating of mould release to allow the finished product to be removed more easily. Do not allow your release agent to pool, as it will affect the finished product. Be sure to test your mould release prior to doing your project to ensure it doesn't stain your project. It is very important that your mould is completely ready to accept the Kast Krete mix prior to mixing.

Mixing Instructions: Measure out desired amount of dry material. Put required amount of water into mixing container first and then add dry powder. To mix, use either a low speed drill with paddle or pointer trowel. Consistency should be similar to pancake batter. Add about 19%-21% water per kilogram of dry powder (4.54L per 22.7kg). Do not re-temper mix by adding additional water once product starts to set. This product is formulated to take up to an additional 15lbs of aggregate to enhance the look of you finished project. Be sure to use dry aggregate as wet sand will change your water requirement.



Application Procedure: Gently pour the mix into the mould. Vibrate mould to help release air bubbles. When pouring very thick projects fill mould partially, vibrate briefly and then fill balance of mould. When de-moulding the finished product, handle gently and support product evenly. The project can be de-moulded in as little as 15-30 minutes depending on mould size; a test project is recommended to help familiarize you with the product. Allow product to cure 3 hours before active handling.

Limitations: Product should be poured into mould within 2-3 minutes of mixing. Temperature at time of application may not be lower than 5°C/41°F. Set time will vary depending on air temperature. Product can be accelerated using warm water and slowed using ice-cold water.

Compressive Strength (ASTM C109)

1-hour	1835psi
3-hour	3895psi
1-day	5550psi
3-day	8045psi
7 day	9065psi
28 day	10235psi

Safety: Wear rubber gloves and eye protection.

Caution:

May cause skin irritation. In case of skin or eye contact, wash thoroughly with water. Please consult the MSDS for detailed safety and handling instructions. In case of eye contact flush with water for 15 minutes, and call nearest physician. **DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.**

Warranty: Starpatch Concrete Products warrants that if its products prove to have manufacturing defects and Starpatch is notified of such within 6 months from date of Starpatch shipping, Starpatch will replace the defective products F.O.B. factory. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. This warranty is in lieu of all other warranties, expressed, implied or statutory and is strictly limited to its terms. Starpatch makes no warranty of merchantability or suitability of its products for any particular purpose. Starpatch sells its products upon the condition that the customers shall conduct their own tests to determine the suitability of the products for the customers intended purposes. Under no circumstances will Starpatch be liable for economic, special, incidental or consequential damages or losses of any kind whatsoever arising out of or occasioned by the selection, use, installation or replacement of this product.

Manufactured and sold by **Starpatch Concrete Products**,
Burnaby, BC. Phone (604) 433-7355