

TERADEK (R 50)

Release agent for decorative stamp concrete

Product # 114.135
Version no: 16.11.23

Product Data Sheet

PRODUCT DESCRIPTION: TERADEK (R 50) is a white and colored powder releasing agent for stamp concrete. TERADEK (R 50) specially formulated in Fibrex lab to forms a barrier between the stamping tools and wet concrete to allow the release of stamping tools. In addition to releasing agents, it contains iron oxide pigments that simultaneously provide a secondary accent color to the concrete surface. It is recommended only for stamped

AREAS OF APPLICATION

As a release agent of polyurethane/Silicon rubber molds from concrete in the Stamping process and to act as a secondary colorant.

ADVANTAGE

- Low cost and economical
- Non-hazardous & non-toxic
- Ensures good fair-faced textured
- Minimizes cleaning of stamps before re-use

APPLICATION METHODOLOGY

SURFACE PREPARATION

The substrate/slab is ready when the trowelling is final of Teradek HT prior to stamping (no bleed water present).

MIXING

Teradek (R50) requires no pre-blending and should be used directly from the bag.

APPLYING AND LAYING

Cut the Teradek (R50) bag prior to broadcast. A mason's brush serves as an efficient broadcasting tool. Lightly dust the stamping tools at the start of work. Broadcast Teradek (R50) in a sweeping or casting motion evenly across the area to be stamped. Only broadcast enough powder release to stay a row or two ahead of the stamping tools. Avoid clumping. After the slab is sufficiently cured, carefully sweep up and contain excess powder release.

CLEAN UP

Rinse the remaining excess with hose equipped with trigger nozzle and soft broom. Keep masking in place during clean-up.

Note:

Best results are achieved by leaving the release color in the lower recesses of pat-terns, especially grout lines. On the other hand, sufficient release must be removed to allow the subsequent sealer to adhere to the finished product.

CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

TECHNICAL SPECIFICATIONS

Characteristics	Test results
Appearance	White powder
Ash content 1000 °c for 2 hours	10 + - 1.0%
Melting point °c	150+-5
Moisture	3.25% max
Partical size 300 mash (300 b.s.s. mesh)	99.5 % min passing
Free fatty acid	1.00% max

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

PACKAGING

TERADEK (R50) is packaged in 7 Kg bag.

STORAGE

TERADEK (R50) has shelf life of 6 months if stored properly in original, unopened packing between +5° to + 40° in dry areas.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and busing, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

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DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

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