PTS+ Technical Data Sheet

Top Seal Plus

Product: PTS+ **Revised:** March 2016 **Last Updated:** August 2026

Product Overview

Great Performance. Better Value. Best for your Animals. ISO 14001

Description

AgriCrete PTS+ is a concentrated version of our PTS+ first developed for the petrochemical industry, who required an acid-resistant coating. PTS+ is a non-toxic, zero VOCs, non-flammable, water-based top coating for concrete that has first been treated with AgriCrete PIM+ or PIM+ Type S. Once cured, PTS+ is invisible, easy to clean, non-slippery, long lasting, and 100% waterproof. PTS+ will bond to concrete, brick, tiles, even wood!

PERMANENT ADVANTAGES

- Only one application is required. Just enough to wet the surface
- Cures to a clear, non-glossy finish
- Permanently stops the penetration of all liquids. i.e. water, urine, salts, weak acids, chemical cleaners, etc.
- Surfaces are now much easier to clean and stay clean much longer
- Cleaning the surface now takes less time, less labor hours, less chemicals and a lot less money
- Will not change the static coefficient of friction on the surface of the concrete. i.e. no slippery surface

Uses

- For treating concrete floors and walls in buildings used to house all manner of animals, cows, pigs, chickens, etc.
- For treating saw-cut concrete floors, i.e. in milking parlors
- For treating concrete floors in buildings used to store or maintain equipment
- For treating all agricultural concrete surfaces

Surface Preparation

Bare, dry, new surfaces, which have had a minimum 21-day cure, and have had no previous surface coating applied usually need no prior preparation. Any existing paint or surface treatment which causes PTS+ to bead up, must be removed for PTS+ to be effective. Prior to applying AgriCrete PTS+, clean away any contaminants such as oil, urine, etc., which have been extruded to the surface by the prior application of AgriCrete PIM+ or PIM+ Type S. It may be necessary to clean the surface more than once to ensure it's clean. Note: Please remember, PTS+ is a coating, contaminants not cleaned from the surface will be trapped below the PTS+ once it cures. Prior to applying PTS+ all cracks should be repaired and sealed with a cement based crack repair mortar. We also recommend applying AgriCrete PIM+ to any cement based repair mortar. This will ensure the best bond of the AgriCrete PTS+ to the crack repair mortar. Allow a min. 3 days for the PIM+ to cure prior to applying the PTS+.

Application Equipment

PTS+ is best applied with a low pressure, hand-pump, "Hudson can" type sprayer.

- Shake PTS+ well before using
- PTS+ is pH neutral. Do not dilute or mix the PTS+ with water or any other liquid. Use only as supplied
- It is recommended to wear rubber gloves and safety glasses when applying TS++

Application

- PTS+ must be applied to COOL, DRY surfaces. In the shade is best
- Application is best done with a pump-up hand sprayer. Be careful to not over apply PTS+. A light coat sufficient to just wet the entire surface is best
- Do not apply a second coat over the dry edge of a previous application or try to apply a second coat over a dried first coat. A white, cloudy haze may appear. For the same reason do not walk across treated, wet areas and then leave wet tracks on dry areas yet to be treated, as white footprints will appear when you finally treat that area. If this happens, re-emulsify the PTS+ with Toluene, a paint thinner. Soak a rag, rub down to the whiting. Once the whiting is gone the Toluene will evaporate and the PTS+ will harden again. PTS+ will air dry in about 2 hours, & cures in 24
- No foot traffic until it's air dried

Coverage Rates

Coverage rates will vary depending on the substrates' porosity. Coverage can range from 2.5 sq. meters per liter up to 8.5 sq. meters per liter. Conduct a test on a small patch of the area to be treated so as to predetermine coverage rates prior to application.

Packaging

- 20 L / 5 US gal pails
- 208 L / 55 US gal drums

Limitations

PTS+ should not be applied if the surface and ambient temperature is below 5 degrees C.

Caution - Please Note

- Do not apply PTS+ over itself. Everything beads up on PTS+, even itself if you apply a second coat over a dried first coat
- NOTE: In case of accidental eye contact, rinse thoroughly and immediately with water
- PTS+ must be applied to completely dry, cool surfaces
- It must not rain on PTS+ before it fully cures. (Min. 24 hours)
- If PTS+ becomes frozen, thaw it out completely and shake well to fully remix the material prior to using. Freezing will not harm the product
- For surfaces not specified in our literature or if you are uncertain as to previous chemical treatments, we recommend that PTS+ be applied to a small test area first

Limited Warranty

AgriCrete warrants its products to be free of manufacturing defects and that they will meet AgriCrete's current published physical properties when applied in accordance with AgriCrete's directions. There are no other warranties by AgriCrete of any nature whatsoever, expressed or implied, including any warranty of merchantability of fitness for a particular purpose in connection with this product. AgriCrete nor C. Darell & Assoc. Inc. shall be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty whether expressed or implied, including any warranty of merchantability of fitness for a particular purpose or from any other cause whatsoever.