

Hydroset Pro Technical Data Sheet

Product: Hydroset Pro

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Product Description

Hydroset Pro is a drying accelerator additive for compatible industrial coating systems. When added to an approved host coating at the recommended addition rate, it assists in reducing surface-dry and through-dry times to help coated areas return to service faster.

Hydroset Pro is an additive only. It is not intended for use as a standalone coating, primer, sealer, topcoat, cleaner, or surface treatment.

Recommended Uses

For professional industrial, commercial, and maintenance coating applications where reduced drying time or faster return-to-service is required.

Use only in compatible host coatings approved by Commercial Coating Manufacturers Ltd or confirmed by compatibility testing before full-scale use.

Key Benefits

- Helps accelerate surface-dry and through-dry times
- Assists faster return-to-service
- Liquid additive for easy incorporation
- Water-soluble additive
- Suitable for professional coating applications subject to compatibility testing

Limitations

Do not use as a standalone film-forming product. Do not use above the confirmed addition rate. Do not use in coating systems that prohibit alkaline additives, ammonia-containing additives, or drying accelerators.

Do not use without compatibility testing. Faster drying may affect flow, levelling, gloss, colour, adhesion, pot life, open time, recoatability, water resistance, spray behaviour, and final film performance.

Do not add Hydroset Pro to coatings that are settled, contaminated, partially cured, gelled, skinned, or outside their usable life.

Do not mix with acids, oxidising agents, chlorine bleach, hypochlorite products, or any material not approved by the coating manufacturer.

Typical Properties

Typical values only; not product specifications.

Property	Typical Value
Appearance	Coloured liquid
Physical state	Liquid
Relative density	Approx. 1.0
Viscosity	Approx. 500 mPa·s
Solubility in water	Miscible
Odour	Strong ammoniacal odour
pH	Refer to current SDS
Active component	Ammonia, aqueous solution
VOC	Refer to current SDS
Flash point	Not classified as flammable; refer to current SDS

Addition Rate

Recommended addition rate: Add one **500 mL bottle per 15 L** of approved host coating over time.

Do not exceed **500 mL per 15 L**, as it may affect the stability, longevity and performance of the coating

Mixing and Application

Thoroughly mix the host coating before and after adding Hydroset Pro.

Add Hydroset Pro slowly while mixing and continue mixing until fully dispersed and uniform. Avoid aeration and over-mixing.

Only mix the quantity required for immediate use. Do not add Hydroset Pro to a paint pail and leave the modified coating, as the coating may dry, skin, gel, thicken, or become unusable in the pail.

Apply the modified coating according to the host coating Technical Data Sheet, project specification, and coating manufacturer's instructions.

Suitable application methods depend on the host coating and may include brush, roller, or spray where approved.

Where spraying is used, ensure adequate ventilation and respiratory protection suitable for ammonia exposure and spray mist.

Surface Preparation

Hydroset Pro does not change the surface preparation requirements of the host coating.

Surfaces must be prepared according to the host coating system, project specification, and relevant coating standard.

Surfaces should generally be clean, dry, sound, and free from oil, grease, dust, loose material, corrosion products, moisture, salts, and other contaminants.

Application Conditions

Use only under conditions suitable for the host coating.

Avoid rain, condensation, fog, heavy dew, damp substrates, or application near dew point.

Maintain adequate ventilation during mixing, application, and drying.

Avoid excessive film thickness unless approved by the coating specification.

Do not apply where accelerated drying may compromise flow, levelling, adhesion, recoatability, or final film performance.

Clean-Up

Clean tools and equipment immediately after use using the cleaning method recommended for the host coating.

Do not allow modified coating to dry in spray equipment, lines, brushes, rollers, pails, or containers.

Do not discharge product, modified coating, wash water, rinsate, or cleaning waste to drains, stormwater, soil, or waterways.

Dispose of waste in accordance with the current Safety Data Sheet and local regulatory requirements.

Storage, Shelf Life and Packaging

Store in original, tightly closed containers in a cool, dry, well-ventilated area at **5°C to 25°C**.

Protect from freezing, excessive heat, and direct sunlight.

Keep containers closed when not in use.

Store away from acids, oxidising agents, chlorine bleach, hypochlorite products, incompatible materials, food, feed, and drinking water.

Shelf life: 12 months from date of manufacture when stored in unopened original containers under recommended conditions.

Do not use product showing contamination, separation, skinning, gelling, leakage, pressure build-up, unusual odour, or other abnormal condition without technical review.

Pack sizes: 500 mL.

Health and Safety

Refer to the current Safety Data Sheet before use.

Hydroset Pro is classified as hazardous. It causes skin irritation and serious eye irritation.

Hydroset Pro contains ammonia/ammonium hydroxide and may release ammonia vapour, particularly during mixing, spraying, heating, use in poorly ventilated areas, or use in confined spaces.

Avoid contact with eyes and skin. Avoid breathing vapour, mist, or spray.

Use only with adequate ventilation.

Wear PPE suitable for the product, the host coating, and the application method. This may include chemical-resistant gloves, protective clothing, and safety glasses or chemical splash goggles. Use face protection where splash risk exists.

Where ventilation is inadequate or spray/mist may be generated, use respiratory protection suitable for ammonia vapour and spray mist exposure, as specified in the current SDS.

Do not eat, drink, or smoke while using the product.

Wash hands and exposed skin thoroughly after handling.

Do not discharge product, modified coating, wash water, or rinsate to drains, stormwater, soil, or waterways.

For spills, exposure, disposal, transport, and emergency information, refer to the current SDS.

Technical Support

For compatibility, addition-rate guidance, or project-specific recommendations, contact Commercial Coating Manufacturers Ltd.

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Disclaimer

The information in this Technical Data Sheet is provided in good faith and is based on information believed to be reliable at the date of issue.

Application conditions, host coating systems, substrates, preparation, mixing, workmanship, and site conditions are outside the control of Commercial Coating Manufacturers Ltd.

Users must confirm suitability for the intended coating system, addition rate, application method, and project conditions before use.

This document does not replace the Safety Data Sheet, product label, project specification, host coating Technical Data Sheet, or host coating manufacturer's instructions.