

DESCRIPTION

Wet Edge Extender WT900™ is a non-flammable additive with a versatile use of application and is specifically formulated for Durable Concrete Coatings systems. Wet Edge Extender WT900™ will help with increasing the working time and use of the product, especially at higher temperature weather conditions or when applying large areas. The product helps to improve levelling and reduces lap marking caused by the coating drying too fast. Other than conventional thinners, Wet Edge Extender WT900™ is a high-performance product, low odour and only needs a small quantity of product to work effectively.

FEATURES & ADVANTAGES

- Non Flammable
- Versatile application
- Low odour
- Minimal amount of product required
- Very effective
- Increases the working time
- Improves levelling
- Reduces lap marking

RECOMMENDED USE

- Water Based Epoxy WEP50 HB™
- Premium Epoxy EP100™
- Epoxy EP200™
- Polyurea PU100™
- Polyaspartic PS90™
- Urethane 2Pack™
- Durathane SP40™
- Aqua Urethane 2Pack™

TECHINCAL DATA & CHARACTERISTICS

APPEARANCE	Clear Liquid
COLOUR	Clear
VOLUME SOLIDS	N/A
FINISH	N/A
COVERAGE	N/A
MIX RATIO	Add 1% – 5% by volume into Durable Concrete Coatings single pack Products or into mixed two pack systems.
PACK SIZES	4L
SPECIFIC GRAVITY	0.98 kg/l
POT LIFE	N/A
DRYING TIME	N/A
RECOAT TIME	N/A
FULL CURE	N/A
SHELF LIFE	24 months, if properly stored in original unopened containers at temperatures between 10°C and 30°C and away from sunlight.

* The pot life time depends on climatic conditions and temperatures.

** Drying times generally depend on air circulation, temperature, film thickness and application methods. The figures given above are typical with good ventilation, typical film thickness and single coat application.

SURFACE PREPERATION

All surface preparation has to be carried out to Australian Standard or International Standard. New concrete must be cured for a minimum of 28 days before a coating can be applied.

Concrete moisture test should be carried out prior to coating application as per Standard ASTM D4263 and/or International Standard. The moisture content should be less than 4%.

Surface being treated must be structurally sound and the substrate compressive strength should be at least 25MPa. All non-structural cracks, holes and surface deformities should be repaired.

In general, the surface to be treated must be clean and free of all traces of loose material, dirt, debris, mildew, oil, grease, old coatings, curing compounds, release agents, laitance, dust and other contaminants.

All new or old concrete surfaces should be prepared by mechanical grinding, abrasive blasting, blast-tracking or any other suitable preparation/cleaning methods. Check if all traces of oil and other contaminants have been completely removed. Sprinkle a few water drops over the surface and if all the water is quickly absorbed then the surface is sufficiently oil and grease free. If the water beads up, even in certain areas only, further preparation/cleaning has to be carried out.

For more detailed information, see the following standard codes of practice, guides and techniques:

ASTM D4258 Standard Practice for Surface Cleaning of Concrete for Coating

ASTM D4259 Practice for Abrading Concrete

ASTM D4260 Practice for Liquid and Gelled Acid Etching of Concrete

ASTM D4262 Test Method for pH of Chemically Cleaned or Etched Concrete Surfaces

ASTM D4263 Test Method Indicating Moisture in Concrete by the Plastic Sheet Method

ASTM D4285 Test Method for Indicating Oil or Water in Compressed Air

APPLICATION & GUIDELINES

Mixing Single Pack Systems

When using pigmented, satin or matt finishes single pack systems, first thoroughly stir the single pack system base to redistribute any pigments or matting agents. Add 1% - 5% of Wet Edge Extender WT900™ by VOLUME into compatible Durable Concrete Coatings single pack products and mix thoroughly. The addition rate depends on project specific conditions such as air temperatures, substrate temperatures, product temperatures as well as air flow and relative humidity. Do NOT exceed 5%.

Mixing Two Pack Systems

When using pigmented, satin or matt finishes two pack systems, first thoroughly stir the Part A of the two pack system base to redistribute any pigments or matting agents. Mix two pack system Part A with Part B and use a mechanical mixer to ensure thorough mixing and avoid aeration when mixing the product. Add 1% - 5% of Wet Edge Extender WT900™ by VOLUME into the compatible Durable Concrete Coatings products and mix thoroughly. The addition rate depends on project specific conditions such as air temperatures, substrate temperatures, product temperatures as well as air flow and relative humidity. Do NOT exceed 5%.

Compatibility & Suitability

Do NOT mix this product or use this product in combination with any other products or brands. Due to the differences in substrates, material and site conditions and environmental surrounds, the applicator holds whole responsibility for checking the product's suitability for its intended purpose prior to application. Only products of the same brand/system should be used in combination as a complete system.

PRECAUTIONS

Safety Data Sheet and Technical Data Sheet must be read before using and opening this product. Keep out of reach of children. Always wear personnel protective equipment (PPE) when handling this product. Keep away from heat and flame. No smoking. Provide adequate ventilation. For more details refer to safety data sheet (SDS).

Do not apply if the air or surface temperature is below 10°C, or if the temperature is likely to drop below 10°C during applying, or after application, within the curing time.

Do not apply if the substrate is subject to hydrostatic pressure or rising dampness.

Do not apply if the surface is subjected to unusual high temperatures above ambient temperature.

Do not apply if the surface temperature is over 30°C, or if the surface temperature is likely to rise above 30°C during application, or after application within the curing time, or if relative humidity is expected to become above 85%.

Do not apply if the substrate is subject to rain or moisture, and protect the surface for at least 24 hours against any water impact or moisture, after application within the curing time. Do not use any product past its pot life. Store locked up, in a cool, dry, well-ventilated place, away from sunlight, between 10°C and 30°C. Keep container tightly closed.

DISCLAIMER

Do not apply this product if there is uncertainty about its application or surface preparation. This Technical Data Sheet is to be used as a guide only; it is NOT a specification. Durable Concrete Coatings Pty Ltd has no control over the use or storage of this product and therefore does not accept liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice, therefore all applicators should ensure they have current information. This product is intended for the use only of skilled tradesman and where applicable, statutory licensed tradesmen experienced and trained in the use of this product. Due to differences in substrates, application methods and local conditions purchasers of these products must ensure that it is suitable for their specific application before using these products. While the information contained in the TDS and SDS is accurate to the best of our knowledge, Durable Concrete Coatings Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Trade Practices Act, the company's liability in relation to defective products shall be limited to replacement of the product, if the product is proven to be defective. All Durable Concrete Coatings Pty Ltd terms and conditions apply.

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