Resene Armourcote 512 is a high build, gloss epoxy finish that protects concrete and metals against corrosion and chemical degradation. Fully cured film is hard and abrasion resistant.

Use:
- Primer, sealer or finish on concrete, cementitious masonry, metal, and wood.
- Primer for use on new or weathered concrete.
- Finish, sealer or protective coating on metal.
- Protection for decorative concrete in high traffic areas.
- Protection of metal and wood structures in industrial environments.

Handling:
- Ensure correct wet film thickness is applied to substrate and surface preparation method.
- The temperature of the substrate should be 3˚C above the “Dew Point”.
- The “Dew Point” requirement can be presumed above the “Dew Point”.
- This product comprises a Base and Hardener, which must be mixed in the required ratio using an air- or explosion-proof power mixer after application.
- Mix each component separately before blending them together. Add the total contents of the Hardener container to the total contents of the Base container. Gently, unevenly, mix, allow to stand for the recommended induction time prior to re-mixing and use.
- Thinning requirements may vary according to application method, equipment and environment.

Wet Film Thickness:
- Dry film thickness: 125 microns in one coat.
- Corrosion protection: 200 microns in one coat.
- System specification: 300 microns.

Induction time:
- Mix: 10 minutes.
- Re-mix: 10 minutes.

Dry Time:
- Touch: 6–8 hours at 20˚C.
- Full cure: 14 days.

Pot Life:
- Maximum: 14 days.
- Recoat time (minimum): 1-2 hours at 20˚C. Increased when temperatures are lower or humidity is high.

Painting Tips:
- Use of incorrect thinner may have an adverse effect on application and performance.
- Drying is affected by low temperatures and high humidity.

Handling:
- Keep away from ignition sources such as heat/sparks/open flame/hot surfaces. No smoking.
- Wear gloves and eye/face protection when handling the product.

First Aid:
- If in eyes: Hold open eyelids and rinse thoroughly with large amounts of cool water for 15 minutes. Get medical attention/advice if irritation persists.
- If on skin (or hair): Remove/take off immediately all contaminated clothing and wash before re-use.
- If swallowed: Do not induce vomiting. Do not give anything to drink. Get medical attention/advice.

Environmental:
- Use only explosion-proof electrical/ventilating/lighting equipment. Use properly labelled drums. Do not allow thinner to enter any drains. Refer to your local waste management authority.
- Refer to your local Council for disposal of dirty thinner.
- Spills and spills generated during use must be cleaned up immediately. Spills should be absorbed into suitable absorbent material and disposed of in accordance with local waste management requirements.
- Ground/bond container and receiving equipment. Take precautionary measures against static discharge.
- Use appropriate dust control equipment when required.
- Clean up in properly labelled drums. Do not allow to enter drains or to run off into waterways.

In Case of Fire:
- Use foam, CO₂, dry chemical for extinction.

Product:
- Name: Resene Armourcote 512 Hardener.
- Mixing ratio: 1 part Base: 1 part Hardener (by volume).
- Induction time: 10 minutes.
- Pot life: 1-2 hours at 20˚C. Increased temperatures will shorten pot life.
- Dry time (minimum): Touch: 6–8 hours at 20˚C. Light foot traffic: 24 hours at 20˚C. Drying is affected by low temperatures, high humidity.
- Recoat time (minimum): 16 hours. Maximum: 14 days.
- Thinner: Resene Thinner No. 6 (Spray application). Resene Thinner No. 11 (Roller application).
- Clean up: Resene Thinner No. 12.
- Resene Data No. RA407.

Quick check
- Spreads and polyurethanes have been known to cause dermatitis and usually precautions to avoid this content should be taken.
- Enjoy the Resene Promise of quality and performace. For the application of incorrect product to substrate or the use of incorrect thinner may have an adverse effect on application and performance.
- Contact should be taken.
- Keep away from ignition sources such as heat/sparks/open flame/hot surfaces. No smoking.
- Wear gloves and eye/face protection when handling the product.
- Use, when appropriate, dust control equipment.
- Clean up in properly labelled drums. Do not allow to enter drains or to run off into waterways.
- Refer to your local waste management authority.