

OVERVIEW

PRODUCT GRADES/CODES

Part A	107P
Part B	107C

RANS GUARD 2K is a liquid-applied two pack waterproof coating which requires only simple site mixing prior to application. It is simple to apply by brush, roller or trowel and once dry it forms a strong flexible waterproof coating. It is an effective barrier to water and inhibits the passage of salts and CO₂ gas.

PROPERTIES

- **RANS GUARD 2K** is supplied as a two component, powder (cement based) and resin (acrylic based) system to be mixed on site, with the following properties:
- Waterproof and weatherproof coating
- Seamless coating
- Effective anti-carbonation coating
- High surface adhesion
- Exposed trafficable coating
- Allows surface to breath
- Can be applied to green concrete
- Non-toxic

AREAS OF USE

- General concrete repair
- Waterproof roof coating
- Foundation protection
- Waterproof lining for concrete water tanks
- Wet room walls and floors
- Protection of concrete from sea water

PREPARATION OF SURFACE

Ensure that dust, dirt and foreign matter are brushed from the surface. Cracks and surface defects should be made good prior to use of **RANS GUARD 2K**. Dusting and porous substrates should be treated with Penetrating Primer.

MIXING

RANS GUARD 2K is supplied as powder (Part A) and liquid (Part B). Add the powder to the liquid and mix using a power agitator or electric drill with mixing paddle attachment.

APPLICATION & CLEANING OF TOOLS

Dampen surface with water and apply **RANS GUARD 2K** by brush, roller or trowel. An average cover of 1-2 mm is recommended (2 kg/m²/mm). Tools may be cleaned with water, ensure this is done within one hour of mixing of materials.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKGING & STORAGE

RANS GUARD 2K Part A is supplied in 32kg paper bags. **RANS GUARD 2K** Part B is supplied in 20kg pails

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 12 months. Use oldest material first.

RANS ENGINEERING & CHEMICALS offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the RANS Technical Service Department or your local RANS agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on RANS present state of knowledge and is intended to provide general information on RANS's products and their methods of use. The prospective user is recommended to determine the suitability of RANS's suggestions and products before adopting them on a commercial scale.

**TECHNICAL
DATA**

Product	Acrylic modified cement based waterproof slurry coat.
Binders	Cement / Acrylic.
Fillers	Silica / dolomite.
Colour	Grey and natural white (mixed RANS GUARD 2K).
Consumption	2kg/m ² /mm
Drying Time	4 hrs between coats.
Toxicity	Non-toxic.
Elongation	>5%
Specific Gravity	1.80 (mixed RANS GUARD 2K)
Packaging	RANS GUARD 2K Part A: 32 kg bags. RANS GUARD 2K Part B: 20 kg plastic pail.
Storage	12 months in original unopened containers.

PICTURES/IMAGES AT GLANCE



RANS ENGINEERING & CHEMICALS PVT. LTD

[An ISO 9001: 2015 Company]

205, GALI NO-7, A BLOCK, BRIJPURI

YAMUNA VIHAR, NEW DELHI-110094

CONTACT AT: +91-11-22170895, +91-9871393743

Website: www.ransengineering.com

Email: ransengineering@gmail.com