

COOL ROOF SEAL

Seal the Leaks & Beat the Heat. One Product Two solutions.

Amitek Cool Roof Seal is a liquid-applied, elastomeric coating enhanced with fiber reinforcement. Engineered using resilient acrylic binders and durable polyester fibers, it forms a flexible and seamless membrane on application. Once cured, it creates a robust, joint-free barrier that ensures long-term waterproofing protection.



PRODUCT BENEFITS



Waterproofing Efficiency

Resists hydrostatic water pressure up to 7 bars, ensuring deep waterproofing even under extreme pressure conditions.



Crack Bridging Ability

Elastomeric flexibility allows bridging of dynamic and static cracks with superior elongation and tensile recovery.



Mechanical Durability

Fiber matrix reinforcement enhances the tensile strength, impact resistance, and abrasion endurance of the film.



Application Convenience

Single component ready to use formulation simplifies site application and maintenance.



Heat Reflective Property

Bright white, high-build coating provides superior solar reflectance and significantly reduces substrate temperature up to 12 degree celcius.



Anti carbonation

Prevents penetration of CO₂ and chlorides, thereby prolonging the durability of embedded steel reinforcements.

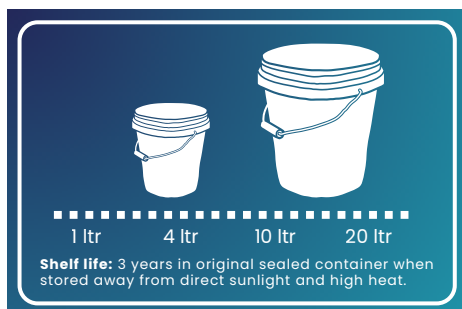


Adhesion Performance

Excellent adhesion performance on masonry and concrete surfaces.

PRODUCT FEATURES

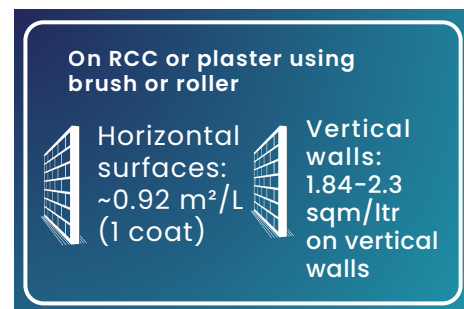
AVAILABLE PACKS



COLOURS AVAILABLE



COVERAGE



DRYING TIME TO TOUCH



RECOMMENDED USAGE



Can be used for building roofs, terraces, parapet, sunshades and exterior vertical walls. It can also be applied on existing IPS, sound brick-bat coba or cementitious waterproofing.

PRE PAINTING STEPS



PLASTER

New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces.



REPAIRING

The substrate must be checked for its soundness using small hammer. All cracks at corner joints, channels and parapets should be properly treated.



CLEANING

Surface should be free from any loose paint, dust or grease. Remove all existing bitumen coatings completely. It is recommended to use intense wire brushing or high speed water jet for thorough cleaning.



FILLING FOR CRACKS

For filling cracks upto 3mm. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars.

APPLICATION PROCESS

HORIZONTAL SURFACE

STEP 1

SELF PRIMING
Cool Roof Seal
BRUSH

WATER

33%

N/A

4-6 HRS

STEP 2

FIRST COAT WATERPROOFING
Cool Roof Seal
BRUSH / ROLLER

N/A

N/A

N/A

4-6 HRS

STEP 3

SECOND COAT WATERPROOFING
Cool Roof Seal
BRUSH / ROLLER

N/A

N/A

N/A

4-6 HRS

VERTICAL SURFACE

STEP 1

SELF PRIMING
Cool Roof Seal
BRUSH

WATER

33%

N/A

4-6 HRS

STEP 2

FIRST COAT WATERPROOFING
Cool Roof Seal
BRUSH / ROLLER

N/A

N/A

N/A

4-6 HRS

STEP 3

ANY GOOD QUALITY EXTERIOR
PAINT CAN BE APPLIED OVER IT.
BRUSH / ROLLER

WATER

40%

N/A

4-6 HRS

ADDITIONAL INFORMATION

POST PAINTING CARE

To ensure long-lasting performance of the coating, clean the surface periodically. Wash away any algal or fungal growth thoroughly at intervals of every 6 months.

PRECAUTIONS

- Do not apply the product during rainy weather or extreme temperatures.
- Prevent mechanical damage which may lead to puncturing of the waterproofing membrane.
- Ensure application extends minimum 6 inches inside drain pipes.
- For optimum results, apply parapet-to-parapet covering the entire building envelope.

TECHNICAL DETAILS

Property	Description
Form	Ready-to-use viscous liquid
Mix Density	1.26
Application Temperature	10 °C – 12 °C

SAFETY FEATURES

- Refer to the MSDS of Amitek Infra Cool Roof Seal for detailed safety instructions (available on request).
- Store container tightly closed, upright in a cool, dry place.
- Keep away from children and food items.
- Harmful if swallowed – seek immediate medical attention on ingestion.
- Wear eye protection during use. In case of eye contact, rinse with plenty of water and seek medical advice.
- For skin contact, wash thoroughly with soap and water. Obtain medical help if irritation persists.
- Avoid inhaling spray/vapours – use a suitable nose mask during sanding or surface preparation.
- Do not dispose leftover paint in drains or water bodies.
- In case of spillage, absorb with sand or earth and collect safely.
- No added Lead, Mercury or Chromium compounds.

TECHNICAL DETAILS

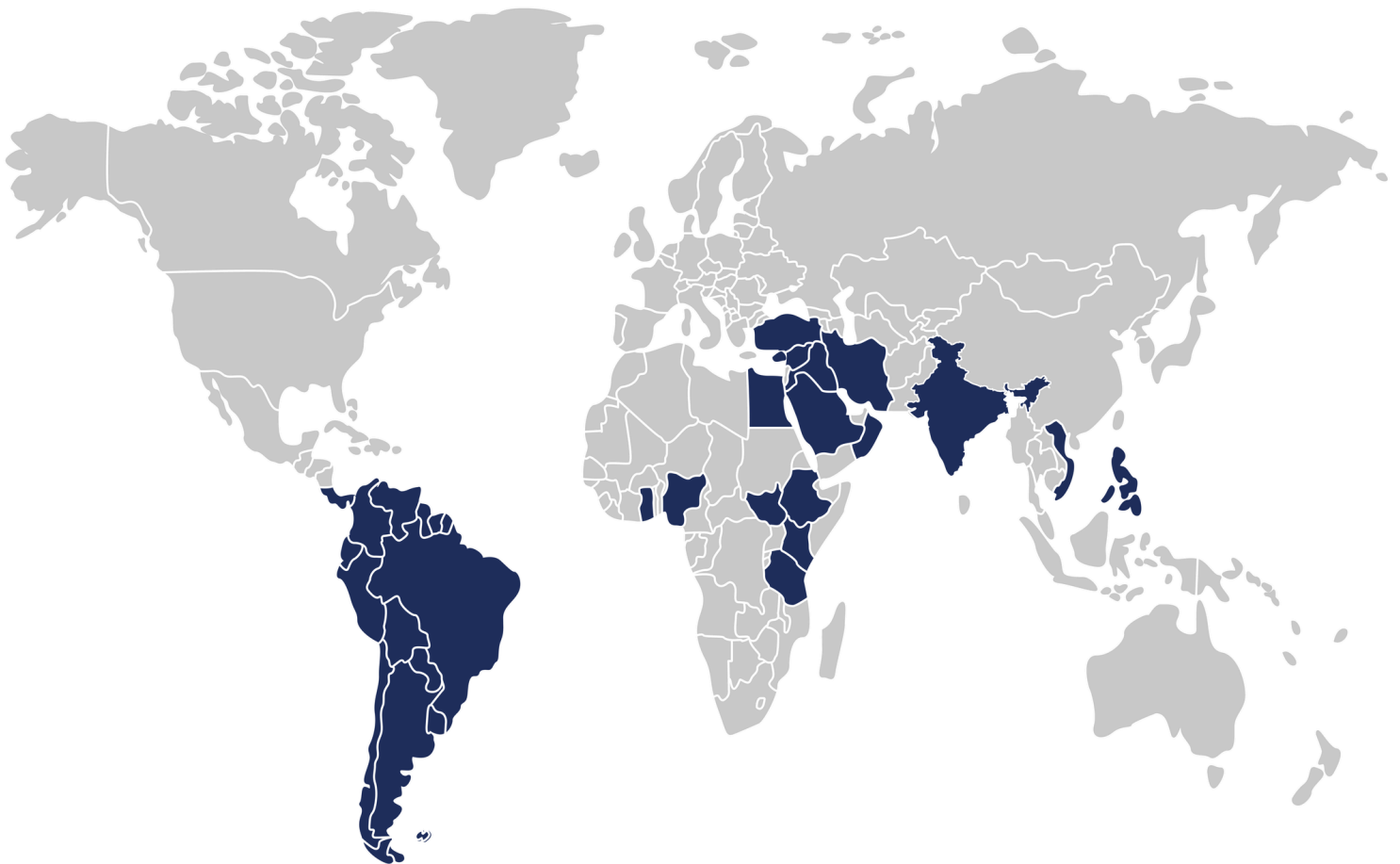
Appearance	Viscous liquid
Color	White
Specific Gravity	1.25
Water resistance	10
Alkali resistance	8
Viscosity Stormer	122-134 KU
Solids by wt %	54.6-60.4
Tensile strength	2.82
Elongation	220
Adhesion to dry concrete	5.47
CBA, mm	1 mm (Horizontal)
Water vapour permeance	4.41
Anti Carbonation, R Value (@ 207 DFT)	275

ABOUT AMITEK

With Amitek, APP Paints & Chemicals Pvt. Ltd. stands at the forefront of innovation in construction protection technology. With over two decades of industry experience, we specialise in developing high-performance waterproofing systems that ensure the long-term durability and integrity of every structure.

As part of the Amitek Group, we combine advanced material science with practical on-site expertise to deliver reliable, sustainable, and efficient waterproofing solutions for residential, commercial, and infrastructure projects. Our commitment to quality, innovation, and technical excellence has made us a trusted name in the waterproofing industry — protecting structures, preserving investments, and building confidence across every layer.

GLOBAL PRESENCE



AMITEK

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