



Bathroom Tuff

Low Sheen



PREMIUM MOULD RESISTENCE

TECHNICAL BULLETIN

PRODUCT TYPE

Premium interior mould resistant 100% Acrylic.

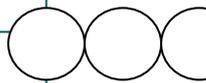
DESCRIPTION

Bathroom Tuff is a water based, 100% pure acrylic, protective and decorative coating that is formulated as mould resistant, non-spatter wall finish for bathrooms or any substrate exposed to conditions of high humidity, especially in tropical environments. It is a rapid drying material with high film strength that exhibits good early resistance to moisture. The formulation dries to a hard, yet flexible film that flows and settles to a smooth low sheen finish offering excellent resistance to environmental dirt pick-up. Bathroom Tuff exhibits superior film set properties at temperatures as low as 15°C, bonds tenaciously to most un-primed construction materials and will 'breathe', adapting well to harsh freeze/thaw environments.

Bathroom Tuff is a specially formulated top coating designed principally for use in the tropic areas of Northern Australia and Singapore on maintenance applications requiring maximum resistance to mould growth. It has also had extensive use in the maintenance painting industry as a high grade protective paint for timber, fibro, brick and galvanised metal. Bathroom Tuff does not contain any harmful solvents making it safe for continual spray or interior roll-on application.

Astec Paints are a 100% Australian owned company committed to the research and development of technologically advanced coatings that provide premium durability against our harsh Australian conditions. Our coatings are manufactured with high regard for worker safety and environmental care and will provide you with absolute confidence in long term performance.





PROPERTIES

Bathroom Tuff is formulated to provide maximum resistance to algae, mould and fungal contamination. The most advanced and tropics proven biocide is incorporated during manufacture to ensure that even in high humidity, tropic regions the coating will remain free of unsightly growth. Bathroom Tuff offers users outstanding ease of application from the viscosity control measures taken during the manufacturing process. The in can viscosity is that of a brushing grade coating yet, by the incorporation of additives, the flow characteristics during spray application make the product easy and fast to apply at even film builds.

Bathroom Tuff incorporates the most durable, chalk resistant and high opacity pigments available which provide good durability, excellent hiding power and coverage.

PREPARATION

All surfaces must be clean dry and free of contaminants. Remove dirt or dust and any grease with Astec Envirogreen. If the surface is mould covered wash down with Sodium Hypochlorite, (Chlorine), or a household bleach to remove the mould then apply Astec Barrier, an under film mould retardant. Scrape of any loose or flaking paint on existing painted surfaces then sand any remaining paint to a flat finish. Any existing paint that exhibits a complete lack of adhesion should be entirely removed for the best results, (except on asbestos sheeting). Wipe down with a damp cloth to remove any dust. Where it is not possible to completely remove all chalk or contaminants from the surface, apply Astec Rivett, which will bind the surface to a hard finish prior to painting. Rusted surfaces or nail heads should be treated with Astec Rus-traint, fill any imperfections with a suitable filler and spot prime or seal any bare surfaces with the appropriate Astec primer as detailed in the following sections.

APPLICATION

The products can be applied by brush, spray or synthetic roller covers. The number of coats applied will depend upon the colour of the background, the colour you are trying to cover, the choice of colour being applied and application technique.

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APPLICATION

Apply one full wet coat of Bathroom Tuff at a recommended wet film thickness of 100 microns. Coverage will be approximately 8 to 12 m² per ltr substrate dependant. Allow to dry, usually between 1/2 an hour and 3 hours is required, weather dependant.

Apply a second full wet coat of Bathroom Tuff at a recommended wet film thickness of 100 microns. Coverage will be between 8 to 12 m² per ltr substrate dependant.

Recommended dry film thickness, 64 microns dry.

NEW UNPAINTED PAPER FACED WALLBOARDS

Lightly sand any joints were necessary, brush down the surface to remove any dust, apply one coat Astec Acrylic Primer Undercoat to the entire surface. Apply two coats of Bathroom Tuff.

New Unpainted Plaster and Fibrous Plaster

Brush down to remove any surface dust, for best results apply one coat Astec Oil Based Undercoat or Astec Rivett. If Rivett is used follow with one coat Astec Acrylic Primer Undercoat. Apply two coats of Bathroom Tuff.

NEW TIMBER

Treat all nails with Astec Rus-traint allow to dry then fill all nail holes with a suitable wood filler. For optimum adhesion sand all dressed timber. On tannin rich timbers, (Oregon, Cedar ext), prime with Astec Oil Based Primer to prevent staining of light tinted colours. For maximum performance on all other timbers apply Astec Acrylic Primer Undercoat, sand smooth then apply two coats of Bathroom Tuff.

WINDOW PAINTING

Use sparingly on all contact areas, open and close windows within 30 minutes and there after at 4 hour intervals over the following 24 hours.



100%
MOULD RESISTANT
ACRYLIC

BRICK AND MASONRY

No primer required on surfaces that are in a sound condition, (that are not weathered to a point where the surface is friable or continues to powder ever after a wash down). If the surface is unsound apply Astec Rivett which will bind a soft wall to a hard finish. Walls in sound condition, wash down the surface with water and a stiff brush to remove all contaminants, fill all holes with a grouting cement. If the surface is mould covered wash down with Sodium Hypochlorite, (Chlorine), or a household bleach to remove the mould then apply Astec Barrier, an under film mould retardant. Apply two coats of Bathroom Tuff

P.V.C. Sand the entire surface and wipe down with Astec all Purpose thinners prior to any coating application.

GALVANISED IRON, ZINCALUME

New unpainted:

Degrease thoroughly with Astec Envirogreen, apply one coat of Astec B-16 Anti-corrosive primer then two coats of Bathroom Tuff.

Previously painted:

Remove all loose, chalked and flaky paint. Treat any rust with Astec Rus-traint in accordance with the application details on its can. Apply two coats of Bathroom Tuff

FIBRO CEMENT

New unpainted: Wash down the surface with a stiff brush and water to remove any contaminants. Weathered asbestos sheeting: Do not sand or scrub the surface as the dust can be harmful to your health. Pick off any large clumps of mould or debris, apply two coats of Astec Barrier which will kill any mould growth, apply Astec Rivett in multiple coats until all contaminants are securely locked to provide a hard bound surface, (refer to Astec Performance Spec No. 8712). Apply two coats of Bathroom Tuff

NOTE Do not apply Bathroom Tuff to surfaces that have had wax or silicone based materials previously applied.

SAFETY DIRECTIONS Keep out of reach of children, provide adequate ventilation during use, do not dispose of left over paint down any drainage systems.

PRECAUTIONS FOR USE.

Avoid contact with skin and eyes, always use a respirator during spray applications.

FIRST AID

Eye contact: Flush immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists.

Swallowed: Call a physician immediately if swallowed. Give patient water to drink. Contact Astec Paints for the relevant Material Safety Data Sheet.

COLOUR RANGE

White, Mid and Accent bases available, may be tinted to most colours from pastel to deep tone.

LIMITATIONS

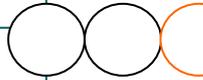
Bathroom Tuff is a water based material, therefore, should not be applied during inclement weather or when precipitation and freezing are imminent.



PRODUCT DATA



Sheen Level	Low Sheen
Recommended Thinners	Water
Touch Dry	30 mins
Dry @ 25 deg C, 50% RH	2 hours
Theoretical spread rate [@ 30 mic D.F.T.]	12.08 m ² /ltr
V.O.C. gm/ltr	Low < 5 grams/ltr
Solvent resistance	
Alcohol	No reaction
Salt water	No reaction
Distilled water	No reaction
Diluted Caustic Soda	No reaction
Detergent solution	No reaction
Dilute 5% mineral acid	No reaction
Accelerated weathering [2000 hrs 313 U.V.B.]	Excellent
Specific Gravity	1.359
Solids volume	36.24 % V/V
P.V.C.	29.0 % V/V
Moisture vapour transmission [Method ASTM E96-1966 Full top-coated system]	42.7g.m ² /24hrs
Contrast Ratio (Determined with X-RITE QA Management Software using SP-68 SPECTROPHOTOMETER.)	94.75%
Pack sizes	1, 4, 10, & 20 ltr



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Revised Edition April, 2015

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