

Polyurethane High Density Injection & Sprayed Foam Applications.

Rigid Polyurethane foam exhibits excellent physical properties including thermal stability, mechanical strength, dimensional stability, and chemical resistance.



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1. Concrete slab &
2. metal deck soffits.
3. Metal / iron roof.
4. Workshops / sheds & warehouses.
5. Agricultural sheds & Cold storage.
6. Poultry sheds & Piggeries.
7. Industrial underfloor.
8. Industrial underroof.
9. Concrete/Steel/Tanks.
10. Refrigerated Transport Vehicles.
11. Demountable/Transport Homes.
12. Boating / Maritime Applications.
13. Cavity Wall Injection.
14. Storage Tanks.
15. Pre- insulated pipe.



Polyurethane High Density Sprayed Foam Applications.



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Polyurethane is a versatile cellular plastic with unsurpassed thermal insulation properties compared to other materials of the same thickness.



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It provides a light weight, seamless, monolithic, waterproof covering that tenaciously adheres to any given profile or substrate.



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Heat transfer resistance or R value is a common standard of insulation performance.



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Spray applied polyurethane foam is the most effective method for controlling thermal radiant heat transfer and condensation management.



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Condensation is caused when warm air comes into contact with a cold surface. When the air in contact with the surface cools, it is no longer able to contain the moisture present in the air.



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This moisture will condense on the surface as water droplets and typically will rain down from the underside of the surface.



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This method is equally effective for condensation control on the underside of tin roofs' as well as concrete slabs when cool rooms, freezers, refrigerated cabinets etc, are located above the suspended slab.



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Concrete slab / metal deck soffits



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Metal / Iron Roof

When foam is applied to the exterior surface of a metal roof it must be used in conjunction with an elastomeric membrane paint to protect from ultraviolet sun rays.



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In general terms, a nominal thickness of 25mm with 2 coats of protective paint shall be applied.



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Minor to medium rust areas can be covered and rejuvenated.



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Minor to medium rust areas can be covered and rejuvenated.



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Applications generally performed without interruption to normal business activities.



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Metal / Iron Roof

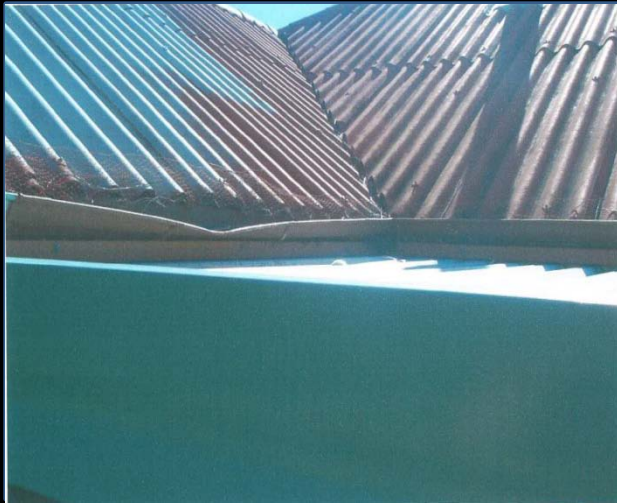
No need to repair or re-roof!



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Metal / Iron Roof

No need to re-roof



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Workshops / sheds warehouses.



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Workshops / sheds warehouses.



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Workshops / sheds warehouses.



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Agricultural sheds/ Cold storage.



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Agricultural sheds/ Cold storage.



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Poultry sheds / Piggeries



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Industrial underfloor



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Industrial underroof.



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Concrete/Steel/Tanks.



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Concrete/Steel/Tanks.



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Refrigerated Transport Vehicles



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Demountable/Transport Homes.



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Boating / Maritime Applications.



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Cavity Wall Injection

Besser Block = @ 150mm cavity = 7.1 R value.

Double Brick = @.050mm cavity = 2.4 R value.



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Storage Tanks.

High and low temp Pressure Vessels and associated pipe work.



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High and low temp Pressure Vessels and associated pipe work.



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High and low temp Pressure Vessels and associated pipe work.



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Storage Tanks.

From brine to hot oil / chemical storage tanks.
-50 to 130deg C.



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Pre- insulated pipe.



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