



THERNA Premium series is a 3 coat system to provide long lasting non-stick coating. Primer contains special resin with light reinforcement to provide excellent abrasion resistance.

Midcoat and Topcoat contains modified flouropolymers to provide long lasting release properties.

Exhibits very good corrosion resistance and detergent resistance.

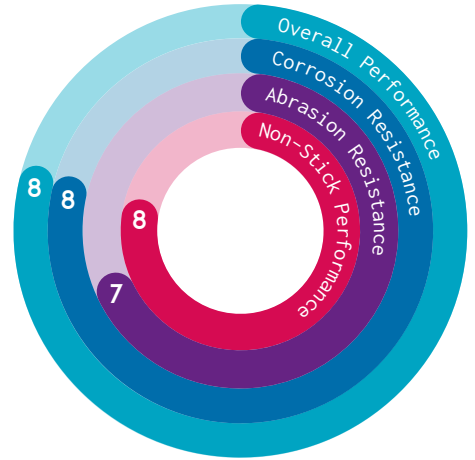
Good for aluminium, die cast aluminium as well stainless steel.



It is easy to use with conventional spray technique.

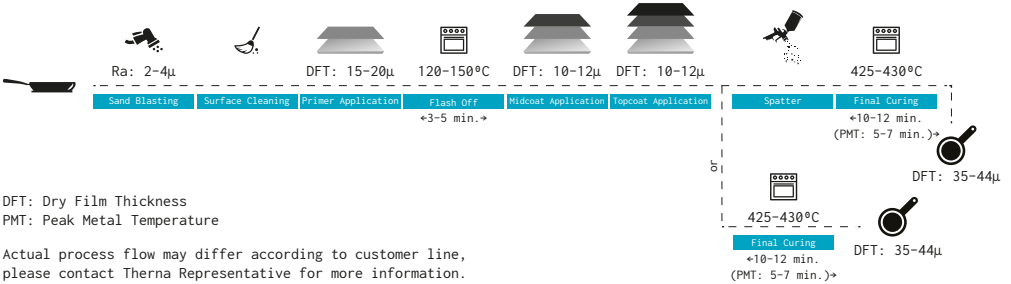
THERNA Premium is perfect choice for moderate to high level cookware.

Range of metallic colors are available with few selected opaque colors.



Process Flow Chart

Premium Series 3-Coat Process Flow Chart





THERNA Premium Plus Series is 3 coat system which is higher performing version of our standard Premium Series.

Premium Plus is one of our top performing coating system in its class where price vs. performance is optimized.

Primer contains combinations of different resin to provide excellent adhesion and also reinforced by diamond hard material for outstanding abrasion property in its class.

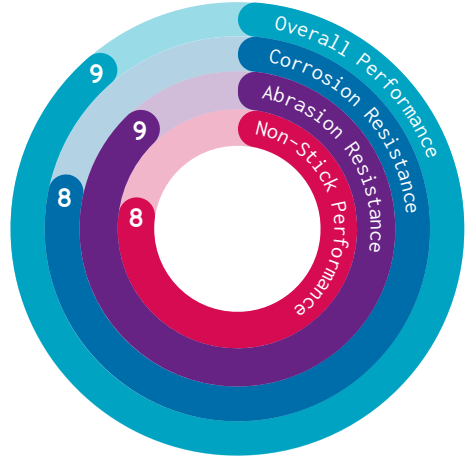
Topcoat also formulated with combination of different flouropolymers provides excellent release.



Better corrosion resistance and dishwasher resistance.

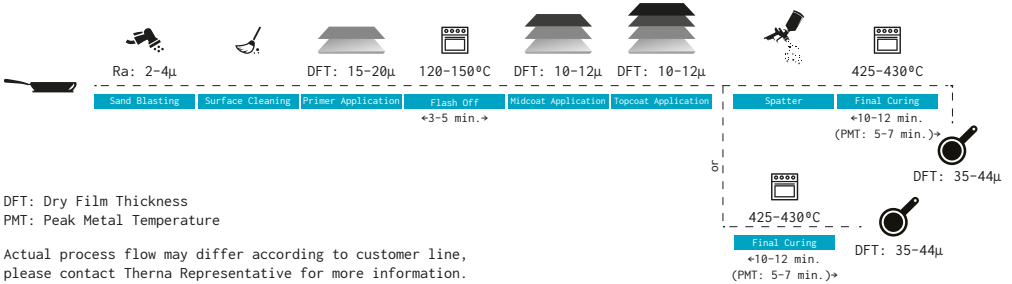
Good choice for aluminium, die cast aluminium and stainless steel. For high end cookware market where price is not a criteria.

Range of Metallic colors are available with few selected opaque colors.



Process Flow Chart

Premium Series 3-Coat Process Flow Chart





THERNA Extreme is 2 coat system which provides performance of 3 coat system.

Designed with specially combined flouropolymers to deliver outstanding long lasting release property.

Primer is having reinforcement to provide abrasion resistance.

Topcoat with high performing flouropolymers provides exceptional release property.

Good corrosion and detergent resistance.

Easy to achieve dry film thickness up to 35-45 micron without cracking.

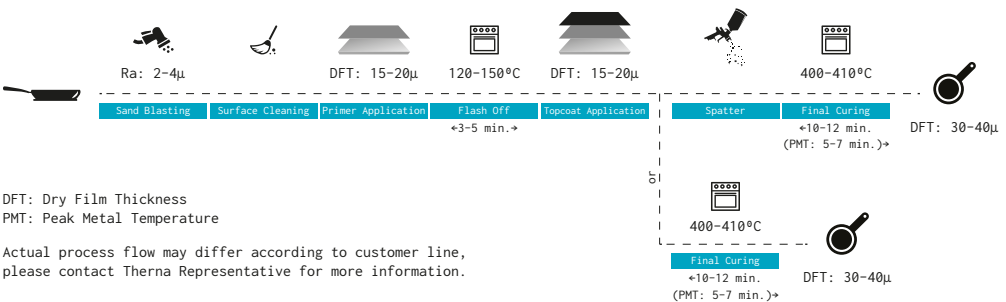
Higher gloss compare to other system.

Apply for high end long lasting cookware application where release is priority compare to abrasion.



Process Flow Chart

Extreme Series 2-Coat Process Flow Chart



DFT: Dry Film Thickness
PMT: Peak Metal Temperature

Actual process flow may differ according to customer line, please contact Therna Representative for more information.



THERNA Ultimate Series is one of the hardest coating system.

It can be applied as 3 or 4 coat system depending on requirement.

Primer contains special matrix of resins which known for its outstanding properties combined with hardest inorganic particles.

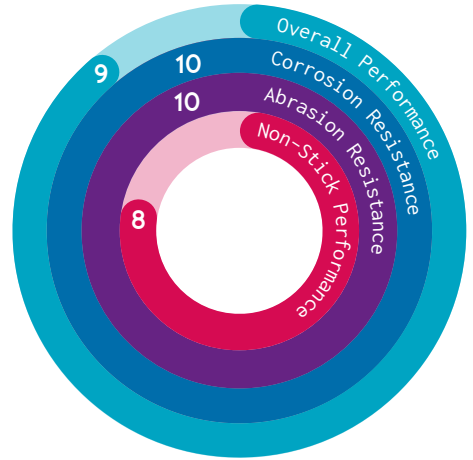
Exhibits an excellent scratch resistance and outstanding abrasion cycles.

Expensive coating in terms of price but versatile in terms of life span.

Excellent choice for restaurant and commercial cookware application.

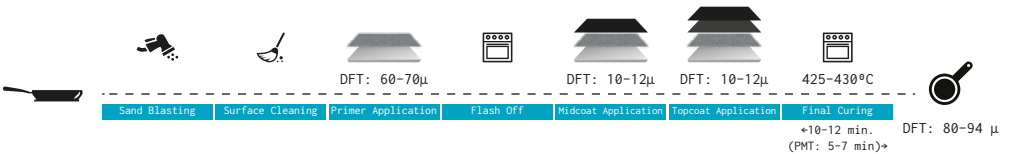
Available in Metallic Dark or black colors only.

It has better corrosion resistance as well dishwasher resistance.



Process Flow Chart

Peek Series 3-Coat Process Flow Chart



DFT: Dry Film Thickness
PMT: Peak Metal Temperature

Actual process flow may differ according to customer line, please contact Therna Representative for more information.