

ECOBAKE is a cost effective 1-coat non-stick specification designed to provide good release and stain resistance at in-use temperatures up to 250°C.

The specification is recommended for utilisation in domestic baking & roasting as well as for use in small electrical appliances accessories such as grill trays.

## SUBSTRATE

Substrate	Gauge min	Gauge max	Width max	Pretreatment
ECCS	0.15mm	0.60mm	920mm	Clean - No pretreatment
Aluminium	0.30mm*	1.70mm		Passivate free from chromium
Aluminised Steel	0.40mm	1.00mm		Passivate free from chromium
Stainless Steel	0.15mm	1.00mm		Passivate free from chromium

\*Dependent upon alloy/temper/width

## COATING FEATURES

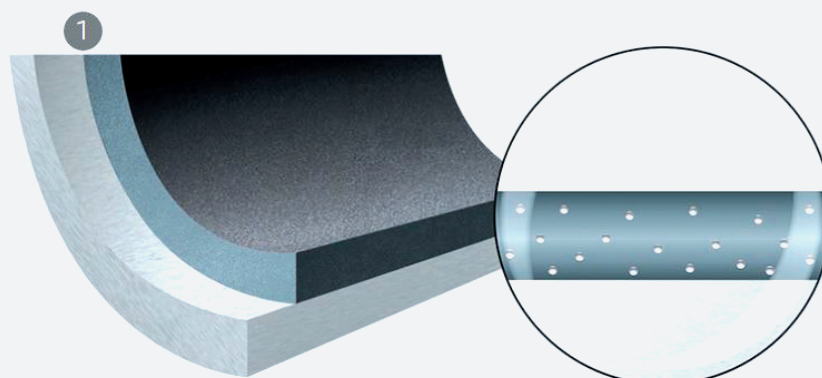
ECOBAKE is usually a single layer system that utilises the latest coil coating technology thermally bonding the coating to the substrate ensuring the best performance from the metal and coating.

## CHARACTERISTICS

No of layers	1
Coating thickness $\mu\text{m}$	5-7
Re-inforced base coat	No
Curing temperature $^{\circ}\text{C}$	370
In use temperature $^{\circ}\text{C}$	250
Scratch resistance	**
Abrasion resistance	**
Corrosion resistance	***
Stain resistance	**
Non-stick Effect	**

### 1

The top coat provides cost effective non-stick performance in a range of colour options.



## TESTING METHODS

ECOBAKE is tested for

- Suitability for Food Contact
- Visual aspect
- Coating thickness
- Adhesion
- Flexibility

## NON-STICK TESTS

- Chicken Roaster test
- Steak test
- Baking test

## FINISHING SERVICE

ECOBAKE can be supplied cut to size in coil and sheet form Coil Slitting

Coil ID	406/508mm
Width tolerances	+/- 0.20mm

## SHEET BLANKING

Length	Min	220
	Max	2000
	Tol	+/- 0.50mm
Width	Min	0.30mm*
	Max	920mm
	Tol	+/- 0.20mm

\* Dependent upon alloy/temper/width

ECOBAKE is a registered trade mark of Cooper Coated Coil Limited and is the brand given to the cost effective 1-coat high temperature non-stick coating by coil coating application.



## PRESENTATION OF MATERIAL

ECOBAKE is packaged according to the standards of the receiving country and despatched by lorry or container to the final destination.

## FURTHER PROCESSING

ECOBAKE is formulated to withstand further processing such as:

- Deep drawing
- Folding & roll forming
- Punching, notching and perforating
- Protective polymask film can be applied for additional security

These processes should be discussed in advance to ensure compatibility of the substrate.

The Trial Approval Process is there to ensure that ECOBAKE works through the further processing to arrive at the consumer looking good and performing well.

