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## Thermoplate

Acquaplate  
Aluplate  
Astraplate  
Colorplate  
Decorplate  
Glossyplate  
Inoxplate  
Lamiplate  
Metalplate  
Starplate



# Thermoplate





The best professionals include the mould as part of the recipe.



# Thermoplate PES

## General characteristics

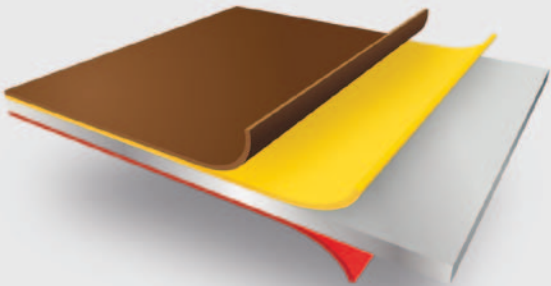
It offers excellent non-stick properties to steel, adding as well high durability and resistance to scratching.

## General properties

- Excellent non-stick behaviour.
- Good resistance to temperature and abrasion.
- Inert to chemical agents.
- Good mechanical suitability for forming Food contact certificate according to 2004/1935/EC Directive.

## Composition

- PES-based coating, single layer 6-8 µ or double layer 12-16 µ
- Metallic substrate
  - Chromated steel (TFS) according to EN 10202 standard
  - Aluminised steel according to EN 10346 standard
  - Aluminium according to EN 485 standard
- PES-based coating, single layer 6-8 µ or double layer 12-16 µ



## Product behaviour

DESCRIPTION	TEST	UNIT	RESULT	OBSERVATIONS
• Total coating thickness	ECCA T1	µ	6-8	single layer system
		µ	12-16	double layer system
• Specular gloss (Gardner 60°)	ECCA T2	%	10-90	depending on colour and type
• Pencil hardness	ECCA T4		>3H	
• Mesh impact	ECCA T5		OK	without detachment
• Mesh impact after 15 min. and 1 h in boiling water			OK	without detachment
• T bending	ECCA T7		0-0.5T	without detachment or cracking
• Resistance to NMP (N-methyl pyrrolidone)			90 seg.	
• Abrasion test (RAT)		cycles	<4000	
• Resistance to temperature		°C	<230° C continuous and <260° C intermittent	