

POLLUX Regular

APPLICATION

- Construction: Internal panels
- Consumer Products: Shelving, Window accessories, Sign panels

PROPERTIES

- Good corrosion resistance
- Good formability
- Optimum hardness-flexibility balance
- Very good resistance to aliphatics, alcohols and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z80)
Total Organic Coating Thickness (µm)	Min. 25
Organic Coating Composition (µm)	Primer: 5 TopCoat: 15 BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette
BackCoat Colour	White / Gray
Gloss (%@60°)	Semi Gloss (15-45)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	2,5
Adhesion (t-bend) (T)	1,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	Not Applicable
Condensation Resistance (h)	Not Applicable
Corrosion Class	Not Applicable
UV Resistance Class	Not Applicable

NOTES

CR surface is available.
Double side finish is available.

POLLUX Pro

APPLICATION

- Construction: Internal panels, External panels, Roof decks
- Transportation: Internal body panels
- Industrial Applications: HVAC, Signs & display panels
- Consumer Products: Shelving, Window accessories, Sign panels

PROPERTIES

- Good corrosion resistance
- Good formability
- Optimum hardness-flexibility balance
- Very good resistance to aliphatics, alcohols and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Matt (0-11) Low Gloss (12-20) Semi Gloss (21-40) Gloss (40-65) High Gloss (65<)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)
Resistance to Cracking (t-bend) (T)	2
Adhesion (t-bend) (T)	1
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC3
UV Resistance Class	RUV3

PERFORMANCE

NOTES

CR surface is available.
Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

POLLUX Flex

APPLICATION

Consumer Products: Sign & Display panels, Window accessories, Casing components, Furniture components etc.

PROPERTIES

- Good corrosion resistance
- Good formability
- Excellent flexibility
- Very good resistance to acids, aliphatics and alcohols
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 BackCoat: 5 - 7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Matt (0-11) Low Gloss (12-20) Semi Gloss (21-40) Gloss (41-65) High Gloss (65<)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)
Resistance to Cracking (t-bend) (T)	0,5
Adhesion (t-bend) (T)	0
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC3
UV Resistance Class	RUV3

PERFORMANCE

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

POLLUX UV

APPLICATION

- Construction: Internal panels, External panels, Roof decks, Rainwear, Agricultural panels & components, Entry doors
- Transportation: Interior & exterior body panels & Accessories
- Industrial Applications: Machinery eq., Vending Machines, HVAC, Signs & displays panels

PROPERTIES

- Good corrosion resistance
- Good formability
- Optimum hardness-flexibility balance
- Very good UV Resistance
- Very good resistance to aliphatics, alcohols, aromatics and mineral oils
- Surface treatment and paint: free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z225)
Total Organic Coating Thickness (µm)	Min. 32
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 ClearCoat: Depends on project BackCoat: 7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Matt (0-11) Low Gloss (12-20) Semi Gloss (21-40) Gloss (40-65) High Gloss (65<)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)
Resistance to Cracking (t-bend) (T)	2
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC3
UV Resistance Class	RUV4

PERFORMANCE

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

POLLUX WAVE

APPLICATION

- Construction: Internal panels, External panels, Roof decks, Rainwears

PROPERTIES

- Aesthetic apperance as wrinkled & matt
- Very good corrosion resistance
- Very good formability
- Excellent hardness-flexibility balance
- Very good resistance to aliphatics, alcohols and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 32
Organic Coating Composition (µm)	Primer: 5 TopCoat: 22 BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Matt (0-11)
Appearance	Wrinkled
Temporary Protection	Not Applicable

PERFORMANCE

Resistance to Cracking (t-bend) (T)	2
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	Not Applicable
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC4
UV Resistance Class	RUV3

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

POLLUX FLAKE

APPLICATION

- Construction: Internal panels, External panels, Roof decks, Rainwears

PROPERTIES

- Aesthetic apperance as wrinkled & matt
- Very good corrosion resistance
- Very good formability
- Excellent hardness-flexibility balance
- Very good resistance to aliphatics, alcohols and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 40
Organic Coating Composition (µm)	Primer: 5 TopCoat: 30 BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Matt (0-11)
Appearance	Wrinkled
Temporary Protection	Not Applicable

PERFORMANCE

Resistance to Cracking (t-bend) (T)	2
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	Not Applicable
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC4
UV Resistance Class	RUV3

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

CAPELLA DECORATIVE

APPLICATION

- Consumer Products: Electronics, Signs & Displays, Domestic appliances, Small household appliances

PROPERTIES

- Good corrosion resistance
- Good formability
- Optimum hardness-flexibility balance
- Very good resistance to acids, bases, aliphatics, alcohols and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 ClearCoat: Depends on Project BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Gloss (40-65) High Gloss (65<)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	1
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC3
UV Resistance Class	Not Applicable

NOTES

CR surface is available.
Double side finish is available.
In order to acquire the best results, the processes on the PPGL should be studied.

CAPELLA DECORATIVE PLUS

APPLICATION

- Consumer Products: Electronics, Signs & Displays, Domestic appliances, Small household appliances

PROPERTIES

- Very good corrosion resistance
- Good formability
- Optimum hardness-flexibility balance
- Very good resistance to acids, bases, aliphatics, alcohols and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 ClearCoat: Depends on Project BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Semi Gloss (21-40) Gloss (40-65) High Gloss (65<)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)
Resistance to Cracking (t-bend) (T)	1
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC3
UV Resistance Class	Not Applicable

PERFORMANCE

NOTES

CR surface is available.
Double side finish is available.
In order to acquire the best results, the processes on the PPGI should be studied.

CAPELLA DECORATIVE BOARD WHITE

APPLICATION

- Consumer Products: Wipeable White Boards

PROPERTIES

- Good corrosion resistance
- Suitable for marker pens & repetitive use
- Optimum hardness
- Very good resistance to aliphatics, alcohols and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	BaseCoat: 20 ClearCoat: 12-15 BackCoat: 5-7
TopCoat Colour	TATWHITE055-WP-HG Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	High Gloss (65<)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	1,5
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC3
UV Resistance Class	Not Applicable

CAPELLA DECORATIVE BOARD BLACK

APPLICATION

- Consumer Products: Black Boards

PROPERTIES

- Very good colour and gloss stability
- Very good formability
- Good corrosion resistance
- Very good chalking resistance
- Excellent hardness-flexibility balance
- Very good resistance to acids, bases, aliphatics, alcohols aromatics and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 BackCoat: 5-7
TopCoat Colour	TATBLACK008-BB-MG Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Matt (0-11)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	2
Adhesion (t-bend) (T)	1
Impact (J)	10
Pencil Hardness	2H-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1500h
Corrosion Class	RC3
UV Resistance Class	Not Applicable

VEGA FORMABLE

APPLICATION

- Construction: Internal panels, External panels, Roof decks, Rainwears, Agricultural panels, Entry doors, Garage doors
- Transportation: Internal & External body panels, Truck and bus body casing, Accessories

PROPERTIES

- Very good colour and gloss stability
- Very good formability
- Good corrosion resistance
- Very good chalking resistance
- Excellent hardness-flexibility balance
- Very good resistance to acids, bases, aliphatics, alcohols aromatics and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z225)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Low Gloss (12-20) Semi Gloss (21-40)
Appearance	Grained
Temporary Protection	Not Applicable

PERFORMANCE

Resistance to Cracking (t-bend) (T)	1
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	700h
Condensation Resistance (h)	1000h
Corrosion Class	RC4
UV Resistance Class	RUV4

NOTES

CR surface is available.
Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

VEGA FORMABLE PLUS

APPLICATION

- Construction: Internal panels, External panels, Roof decks, Rainwears, Agricultural panels, Entry doors, Garage doors, Suitable for severe environment

PROPERTIES

- Very good colour and gloss stability
- Very good formability
- Good corrosion resistance
- Very good chalking resistance
- Excellent hardness-flexibility balance
- Very good resistance to acids, bases, aliphatics, alcohols aromatics and mineral oils
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z225)
Total Organic Coating Thickness (µm)	Min. 65
Organic Coating Composition (µm)	TopPrimer: 25-30 TopCoat: 30 BackPrimer: 5 BackCoat: 5-7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Low Gloss (12-20) Semi Gloss (21-40)
Appearance	Grained
Temporary Protection	Not Applicable
Resistance to Cracking (t-bend) (T)	1
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	700h
Condensation Resistance (h)	1000h
Corrosion Class	RC4
UV Resistance Class	RUV4

PERFORMANCE

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

SIRIUS EXTERIOR ALPHA

APPLICATION

- Construction: External panels, Cladding, Roofing, Construction accessories for high aesthetic architectural buildings

PROPERTIES

- Excellent colour and gloss stability
- Good corrosion resistance
- Very good chalking resistance
- Excellent hardness-flexibility balance
- Very good resistance to acids, bases, aliphatics, alcohols aromatics and mineral oils
- Good resistance to ketones
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z225)
Total Organic Coating Thickness (µm)	Min. 32
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 ClearCoat: Depends on project BackCoat: 7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Low Gloss (12-20) Semi Gloss (21-40) Gloss (41-65)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	1,5
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC3
UV Resistance Class	RUV4

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

SIRIUS EXTERIOR BETA

APPLICATION

- Construction: External panels, Cladding, Roofing, Construction accessories for high aesthetic architectural buildings, Suitable for aggressive environments

PROPERTIES

- Excellent colour and gloss stability
- Good corrosion resistance
- Very good chalking resistance
- Excellent hardness-flexibility balance
- Very good resistance to acids, bases, aliphatics, alcohols aromatics and mineral oils
- Good resistance to ketones
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z225)
Total Organic Coating Thickness (µm)	Min. 44
Organic Coating Composition (µm)	Primer: 5 TopCoat: 20 ClearCoat: 12-15 BackCoat: 7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Low Gloss (12-20) Semi Gloss (21-40) Gloss (41-65)
Appearance	Smooth
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	1,5
Adhesion (t-bend) (T)	0,5
Impact (J)	10
Pencil Hardness	F-4H
Salt Spray (h)	500h
Condensation Resistance (h)	1000h
Corrosion Class	RC4
UV Resistance Class	RUV4

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

RIGEL PVC COOL

APPLICATION

- Construction: Internal panels, External panels in colder atmosphere (northern europe)
- Industrial Applications: Cold Room side panels

PROPERTIES

- Very good corrosion resistance
- Very good formability
- Excellent abrasion resistance
- Very good resistance to aliphatics, alcohols and mineral oils
- Good resistance to bases and aromatics
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 214
Organic Coating Composition (µm)	Primer: 7 TopCoat: 200 BackCoat: 7
TopCoat Colour	RAL K7 Classic Colour Palette Special Colours Based on Request
BackCoat Colour	White / Gray Special Colours Based on Request
Gloss (%@60°)	Semi Gloss (21-40)
Appearance	Smooth
Temporary Protection	Self Adhesive Film

PERFORMANCE

Resistance to Cracking (t-bend) (T)	1,5
Adhesion (t-bend) (T)	1
Impact (J)	Not Applicable
Pencil Hardness	Not Applicable
Salt Spray (h)	1000h
Condensation Resistance (h)	1500h
Corrosion Class	RC5
UV Resistance Class	RUV3

NOTES

Double side finish is available.
Corrosion class and UV class mainly depend on the external environment and geographic location.
Any extreme situations have to be studied before final agreement.

BELLATRIX PVC

APPLICATION

- Consumer Products: Indoor decorations
- Industrial Applications: Cold Room side panels

PROPERTIES

- Interior use for decorative purposes
- Good corrosion resistance
- Wide range of design patterns
- Surface treatment and paint: free of trivalent & hexavalent chromium and heavy metals
- Suitable for indirect food contact
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 210
Organic Coating Composition (µm)	Adhesive: 5 FilmCoat: 200 BackCoat: 5-7
TopCoat Colour	Colours Depend on Project
BackCoat Colour	White / Gray
Gloss (%@60°)	Depend on Project
Appearance	Smooth, Orange Peel etc.
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	1,5
Adhesion (t-bend) (T)	1
Impact (J)	Not Applicable
Pencil Hardness	Not Applicable
Salt Spray (h)	Depends on Project
Condensation Resistance (h)	Depends on Project
Corrosion Class	Depends on Project
UV Resistance Class	Depends on Project

NOTES

The best technical properties are designed according to the customers' need.

BELLATRIX PET

APPLICATION

- Consumer Products: Indoor decorations, Household appliances

PROPERTIES

- Interior use for decorative purposes
- Good corrosion resistance
- Wide range of design patterns
- Surface treatment and paint: Free of trivalent & hexavalent chromium and heavy metals
- Reach / RoHS compliance

DESCRIPTION

SUBSTRATE	HDG (min. Z100)
Total Organic Coating Thickness (µm)	Min. 30
Organic Coating Composition (µm)	Primer: 5
	Adhesive: 5
	Filmcoat: min. 15
	BackCoat: 5-7
TopCoat Colour	Colours and Designs Depend on Project
BackCoat Colour	White / Gray
Gloss (%@60°)	Depend on Project
Appearance	Depend on Project
Temporary Protection	Self Adhesive Film (Optional)

PERFORMANCE

Resistance to Cracking (t-bend) (T)	2
Adhesion (t-bend) (T)	1
Impact (J)	Not Applicable
Pencil Hardness	F-H
Salt Spray (h)	Depends on Project
Condensation Resistance (h)	Depends on Project
Corrosion Class	Depends on Project
UV Resistance Class	Depends on Project

NOTES

The best technical properties are designed according to the customers' need.