



Thermal transmittance, Light transmittance and Solar Heat Gain Calculus

Energy performance - Weighted average

- Average Weighted U-Factor 0,27 (Btu /h.ft².F)

- Average Weighted SHGC 0,34

Unit ID	U-Factor [Btu /h.ft ² .F]	SHGC
109 [^]	0,34	0,36
110A [^]	0,25	0,35
114 [*]	0,25	0,32
114C [^]	0,34	0,36
116B [^]	0,32	0,36
205 [^]	0,25	0,35
206 [^]	0,25	0,35
WINDOW// DOOR REMOVED FROM SCOPE		
209B [^]	0,31	0,36
211B [^]	0,32	0,36
211B [*]	0,26	0,32
WINDOW// DOOR REMOVED FROM SCOPE		
106B [^]	0,32	0,36
109A [*]	0,26	0,32
109B [*]	0,25	0,32
WINDOW// DOOR REMOVED FROM SCOPE		

Unit ID	U-Factor [Btu /h.ft ² .F]	SHGC
203 [*]	0,34	0,29
WINDOW// DOOR REMOVED FROM SCOPE		
WINDOW// DOOR REMOVED FROM SCOPE		
204A [*]	0,26	0,32
204B [*]	0,27	0,32
205A [*]	0,36	0,29
205C [*]	0,36	0,29
207 [*]	0,25	0,32
WINDOW// DOOR REMOVED FROM SCOPE		
209A [*]	0,25	0,32
WINDOW// DOOR REMOVED FROM SCOPE		
211A [*]	0,25	0,32
212 [*]	0,26	0,32
202A [^]	0,28	0,31
205B [*]	0,36	0,29
202 [*]	0,26	0,32

* = WINDOW

[^] = DOOR

The values of the thermal transmission coefficients of the frame (Uf) were obtained using the method recommended in EN ISO 10077 2: 2017, using a two dimensional numerical calculation model. For this purpose, Dartwin's Frame Simulator software was used. Its value depends on the construction material and the geometry of the profile, including the installation conditions of the frame that determine the adiabatic limits.
 The dimensions to be considered when calculating the average surface thermal transmission coefficient (Uw) were obtained using the method recommended in EN ISO 10077 1: 2012 (scientific calculation method) considering the total dimension of the window or door frame.
 $U_w = (U_g A_g + U_f A_f + \psi_g l_g) / (A_g + A_f)$
 Uw= thermal transmittance of the window, Ug= thermal transmittance of the glazing, Uf= thermal transmittance of the frame, Ag= glazing area, Af= frame area
 ψ_g = linear thermal transmittance due to the combined thermal effects of glazing, spacer and frame, lg= sum of the visible perimeters of the glazing.
 The TLw was calculated according to the EN 410 standard. The Sw values were calculated according to the XP P50-777 standard.



Thermal Calculus

NP EN 10077 - 1 (2017)

NP EN 10077 - 2 (2017)

8480

System	-
Description	Results
Width	<input type="text"/> mm
Height	<input type="text"/> mm
Quantity	29
Color	-
Glass	-

Client
Ryzer Enterprises, LLC

Arquitect
Brandt

Reference
8480 Residence

Prepared by
Duarte Paulo

Date
26/10/2022

Rev
0

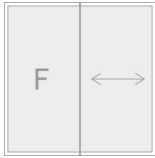
REF: 109 - Garden room

QT.

UNIT PRICE.

TOTAL

1



Series: HY30

Frame: Birail of 2 vents

Surface treatment: HYLINE Selection9005 Matt

Considered options:

Standard Floor, Stainless Steel Sill 195,6 (mm),Standard Frame,Manual lock Right.

Width: 2743 (mm) **9.00 Ft**

Height: 2857 (mm) **9.00 Ft, 4.50 In**

(Frame Dimension)

Each unit: 7,84 m² **84,35 ft²**

Total: 7,84 m² **84,35 ft²**

Glass: Coolite SKN 8mm II / We 12 mm Argon / 8 tempered Clear Lt:69,00; Fs:37,00; Ug:1,20;

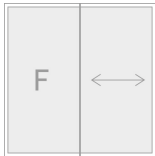
REF: 110A - Rec room

QT.

UNIT PRICE.

TOTAL

1



Series: HY40

Frame: Birail of 2 vents

Surface treatment: HYLINE Selection9005 Matt

Considered options:

Standard Floor, Stainless Steel Sill 240,0 (mm),Standard Frame,Manual lock Right.

Width: 8471 (mm) **27.00 Ft, 9.50 In**

Height: 2857 (mm) **9.00 Ft, 4.50 In**

(Frame Dimension)

Each unit: 24,20 m² **260,51 ft²**

Total: 24,20 m² **260,51 ft²**

Glass: Coollite SKN176II 12 T / WE16 Argon / 12T CLEAR

REF: 114

QT.

UNIT PRICE.

TOTAL

1



Series: HY30

Frame: Birail of 2 vents

Surface treatment: HYLINE Selection9005 Matt

Considered options:

Standard Floor, Stainless Steel Sill 195,6 (mm),Standard Frame,Manual lock Right.

Width: 3658 (mm) **12.00 Ft**

Height: 2857 (mm) **9.00 Ft, 4.50 In**

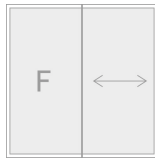
(Frame Dimension)

Each unit: 10,45 m² **112,49 ft²**

Total: 10,45 m² **112,49 ft²**

Glass: Coolite SKN 176 8mm II / We 12 mm Argon / 8 tempered Clear Lt:69,00; Fs:37,00; Ug:1,20;

REF: 114c	QT.	UNIT PRICE.	TOTAL
	1		



Series: HY30
Frame: Birail of 2 vents
Surface treatment: HYLINE Selection9005 Matt

Considered options:
 Standard Floor, Stainless Steel Sill 195,6 (mm), Standard Frame, Manual lock Right.

Width: 4267 (mm) **14.00 Ft**
Height: 2857 (mm) **9.00 Ft, 4.50 In**
(Frame Dimension)
Each unit: 12,19 m² **131,22 ft²** **Total:** 12,19 m² **131,22 ft²**
Glass: Coolite SKN 176 8mm II / We 10 mm Argon / 10 tempered Clear

REF: 116b	QT.	UNIT PRICE.	TOTAL
	1		



Series: HY30
Frame: Birail of 2 vents
Surface treatment: HYLINE Selection9005 Matt

Considered options:
 Standard Floor, Stainless Steel Sill 195,6 (mm), Standard Frame, Manual lock Right.

Width: 3759 (mm) **12.00 Ft, 4.00 In**
Height: 2857 (mm) **9.00 Ft, 4.50 In**
(Frame Dimension)
Each unit: 10,74 m² **115,60 ft²** **Total:** 10,74 m² **115,60 ft²**
Glass: Coolite SKN 176 8mm II / We 12 mm Argon / 8 tempered Clear Lt:69,00; Fs:37,00; Ug:1,20;

REF: 205	QT.	UNIT PRICE.	TOTAL
	1		



Series: HY40
Frame: Birail of 2 vents
Surface treatment: HYLINE Selection9005 Matt

Considered options:
 Standard Floor, Stainless Steel Sill 240,0 (mm), Standard Frame, Manual lock Right.

Width: 8471 (mm) **27.00 Ft, 9.50 In**
Height: 2946 (mm) **9.00 Ft, 8.00 In**
(Frame Dimension)
Each unit: 24,96 m² **268,62 ft²** **Total:** 24,96 m² **268,62 ft²**
Glass: Coollite SKN176II 12 T / WE18 Argon / 12 T CLEAR

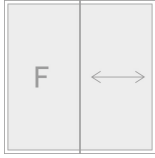
REF: 206

QT.

UNIT PRICE.

TOTAL

1



Series: HY40

Frame: Birail of 2 vents

Surface treatment: HYLINE Selection9005 Matt

Considered options:

Standard Floor, Stainless Steel Sill 240,0 (mm),Standard Frame,Manual lock Right.

Width: 8471 (mm) **27.00 Ft, 9.50 In**

Height: 2946 (mm) **9.00 Ft, 8.00 In**

(Frame Dimension)

Each unit: 24,96 m² **268,62 ft²** **Total:** 24,96 m² **268,62 ft²**

Glass: Coolite SKN176II 12 T / WE16 Argon / 12T CLEAR

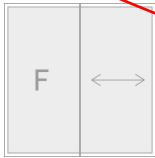
~~REF: 206 - Living room~~

~~QT.~~

~~UNIT PRICE.~~

~~TOTAL~~

~~1~~



removed

~~**Series:** HY30~~

~~**Frame:** Birail of 2 vents~~

~~**Surface treatment:** HYLINE Selection9005 Matt~~

~~**Considered options:**~~

~~Standard Floor, Stainless Steel Sill 195,6 (mm),Standard Frame,Manual lock Right.~~

~~**Width:** 1854 (mm) **6.00 Ft, 1.00 In**~~

~~**Height:** 2273 (mm) **7.00 Ft, 5.50 In**~~

~~*(Frame Dimension)*~~

~~**Each unit:** 4,21 m² **45,36 ft²** **Total:** 4,21 m² **45,36 ft²**~~

~~**Glass:** Coolite SKN 176 8mm II / We 12 mm Argon / 8 tempered Clear Lt:69,00; Fs:37,00; Ug:1,20;~~

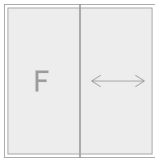
REF: 209b

QT.

UNIT PRICE.

TOTAL

1



Series: HY30

Frame: Birail of 2 vents

Surface treatment: HYLINE Selection9005 Matt

Considered options:

Standard Floor, Stainless Steel Sill 195,6 (mm),Standard Frame,Manual lock Right.

Width: 3829 (mm) **12.00 Ft, 6.75 In**

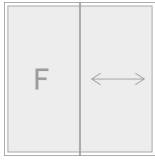
Height: 2946 (mm) **9.00 Ft, 8.00 In**

(Frame Dimension)

Each unit: 11,28 m² **121,42 ft²** **Total:** 11,28 m² **121,42 ft²**

Glass: Coolite SKN 176 8mm II / We 12 mm Argon / 8 tempered Clear Lt:69,00; Fs:37,00; Ug:1,20;

REF: 211b	QT.	UNIT PRICE.	TOTAL
	1	[REDACTED]	[REDACTED]



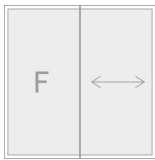
Series: HY30
Frame: Birail of 2 vents
Surface treatment: HYLINE Selection9005 Matt

Considered options:
 Standard Floor, Stainless Steel Sill 195,6 (mm), Standard Frame, Manual lock Right.

Width: 3658 (mm) **12.00 Ft**
Height: 2946 (mm) **9.00 Ft, 8.00 In**
(Frame Dimension)
Each unit: 10,78 m² **116,00 ft²** **Total:** 10,78 m² **116,00 ft²**

Glass: Coolite SKN 176 8mm II / We 12 mm Argon / 8 tempered Clear Lt:69,00; Fs:37,00; Ug:1,20;

REF: 211b	QT.	UNIT PRICE.	TOTAL
	1	[REDACTED]	[REDACTED]



Series: HY30
Frame: Birail of 2 vents
Surface treatment: HYLINE Selection9005 Matt

Considered options:
 Standard Floor, Stainless Steel Sill 195,6 (mm), Standard Frame, Manual lock Right.

Width: 2540 (mm) **8.00 Ft, 4.00 In**
Height: 2946 (mm) **9.00 Ft, 8.00 In**
(Frame Dimension)
Each unit: 7,48 m² **80,55 ft²** **Total:** 7,48 m² **80,55 ft²**

Glass: Coolite SKN 176 8mm II / We 12 mm Argon / 8 tempered Clear Lt:69,00; Fs:37,00; Ug:1,20;

REF: 106A - Bedroom 1	QT.	UNIT PRICE.	TOTAL
	1	[REDACTED]	[REDACTED]



removed

Series: HYSTYLE
Frame: Exterior door, 1 vent
Surface treatment: HYLINE Selection9005 Matt

Considered options:
 Manual lock Left.

Width: 762 (mm) **2.00 Ft, 30.00 In**
Height: 1829 (mm) **6.00 Ft, 72.00 In**
(Frame Dimension)
Each unit: 1,39 m² **15,00 ft²** **Total:** 1,39 m² **15,00 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 106B - Bedroom 1	QT.	UNIT PRICE.	TOTAL
	1		



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 4204 (mm) *13.00 Ft, 9.50 In*

Height: 2870 (mm) *9.00 Ft, 5.00 In*

(Frame Dimension)

Each unit: 12,07 m² **129,87 ft²** **Total:** 12,07 m² **129,87 ft²**

Glass: 12+14+12 - Cool Lite SKN 176 T 12mm + 14mm we argon + 12mm T colorless

REF: 109A - Garden room	QT.	UNIT PRICE.	TOTAL
	1		



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 2045 (mm) *80.50 In*

Height: 2870 (mm) *9.00 Ft, 113.00 In*

(Frame Dimension)

Each unit: 5,87 m² **63,18 ft²** **Total:** 5,87 m² **63,18 ft²**

Glass: 10+18+10 - Cool Lite SKN 176 T 10mm + 18mm we argon + 10mm T incolor Lt:68,00; Fs:36,00; Ug:1,00;

REF: 109B - Garden room	QT.	UNIT PRICE.	TOTAL
	1		



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 4115 (mm) *13.00 Ft, 6.00 In*

Height: 2870 (mm) *9.00 Ft, 5.00 In*

(Frame Dimension)

Each unit: 11,81 m² **127,12 ft²** **Total:** 11,81 m² **127,12 ft²**

Glass: 12+14+12 - Cool Lite SKN 176 T 12mm + 14mm we argon + 12mm T colorless

REF: 116 - Bath 3

QT.

UNIT PRICE.

TOTAL

1



removed

Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 914 (mm) **3.00 Ft**

Height: 1981 (mm) **6.00 Ft, 6.00 In**

(Frame Dimension)

Each unit: 1,81 m² **19,49 ft²**

Total: 1,81 m² **19,49 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 203

QT.

UNIT PRICE.

TOTAL

3



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 3556 (mm) **140.00 In**

Height: 610 (mm) **24.00 In**

(Frame Dimension)

Each unit: 2,17 m² **23,35 ft²**

Total: 6,51 m² **70,05 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 204A

QT.

UNIT PRICE.

TOTAL

1



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 2134 (mm) **7.00 Ft**

Height: 2946 (mm) **9.00 Ft, 8.00 In**

(Frame Dimension)

Each unit: 6,29 m² **67,67 ft²**

Total: 6,29 m² **67,67 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 204b	QT.	UNIT PRICE.	TOTAL
	1		



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 1524 (mm) *5.00 Ft*

Height: 2946 (mm) *9.00 Ft, 8.00 In*

(Frame Dimension)

Each unit: 4,49 m² **48,33 ft²**

Total: 4,49 m² **48,33 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 205a,c	QT.	UNIT PRICE.	TOTAL
	2		



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 610 (mm) *6.00 Ft, 84.00 In*

Height: 2134 (mm) *2.00 Ft*

(Frame Dimension)

Each unit: 1,30 m² **14,01 ft²**

Total: 2,60 m² **28,02 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 207	QT.	UNIT PRICE.	TOTAL
	1		



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 3556 (mm) *11.00 Ft, 8.00 In*

Height: 2946 (mm) *9.00 Ft, 8.00 In*

(Frame Dimension)

Each unit: 10,48 m² **112,76 ft²**

Total: 10,48 m² **112,76 ft²**

Glass: 12+14+12 - Cool Lite SKN 176 T 12mm + 14mm we argon + 12mm T colorless

REF: 206B - Powder room	QT.	UNIT PRICE.	TOTAL
	1		



removed

Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 1854 (mm) **6.00 Ft, 1.00 In**

Height: 610 (mm) **2.00 Ft**

(Frame Dimension)

Each unit: 1,13 m² **12,17 ft²**

Total: 1,13 m² **12,17 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 209a	QT.	UNIT PRICE.	TOTAL
	1		



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 3873 (mm) **12.00 Ft, 8.50 In**

Height: 2946 (mm) **9.00 Ft, 8.00 In**

(Frame Dimension)

Each unit: 11,41 m² **122,82 ft²**

Total: 11,41 m² **122,82 ft²**

Glass: 12+14+12 - Cool Lite SKN 176 T 12mm + 14mm we argon + 12mm T colorless

REF: 209 - W.I.C.	QT.	UNIT PRICE.	TOTAL
	1		



removed

Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 1219 (mm) **4.00 Ft**

Height: 2946 (mm) **9.00 Ft, 8.00 In**

(Frame Dimension)

Each unit: 3,59 m² **38,66 ft²**

Total: 3,59 m² **38,66 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 211a	QT.	UNIT PRICE.	TOTAL
	1	[REDACTED]	[REDACTED]



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 4267 (mm) **14.00 Ft**

Height: 2946 (mm) **9.00 Ft, 8.00 In**

(Frame Dimension)

Each unit: 12,57 m² **135,31 ft²** **Total:** 12,57 m² **135,31 ft²**

Glass: 12+14+12 - Cool Lite SKN 176 T 12mm + 14mm we argon + 12mm T colorless

REF: 212	QT.	UNIT PRICE.	TOTAL
	1	[REDACTED]	[REDACTED]



Series: HYSTYLE

Considered options:

Frame: 2 vents

Surface treatment: HYLINE Selection9005 Matt

Width: 3759 (mm) **12.00 Ft, 4.00 In**

Height: 2946 (mm) **9.00 Ft, 8.00 In**

(Frame Dimension)

Each unit: 11,07 m² **119,20 ft²** **Total:** 11,07 m² **119,20 ft²**

Glass: 8+22+8 - Cool Lite SKN 176 T 8mm + 22mm we argon + 8mm T colorless Lt:69,00; Fs:37,00; Ug:1,10;

REF: 202a	QT.	UNIT PRICE.	TOTAL
	2	[REDACTED]	[REDACTED]



Series: HYSTYLE

Considered options:

Frame: 1 vent

Stainless Steel Sill 115,0 (mm),

Surface treatment: HYLINE Selection9005 Matt

Width: 1187 (mm) **3.00 Ft, 10.75 In**

Height: 2438 (mm) **8.00 Ft**

(Frame Dimension)

Each unit: 2,89 m² **31,15 ft²** **Total:** 5,79 m² **62,30 ft²**

Glass: 8+22+8 - Cool Lite SKN 176 T 8mm + 22mm we argon + 8mm T colorless Lt:69,00; Fs:37,00; Ug:1,10;

REF: 205b

QT.

UNIT PRICE.

TOTAL

1



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 610 (mm) *6.00 Ft, 84.00 In*

Height: 1880 (mm) *2.00 Ft, 74.00 In*

(Frame Dimension)

Each unit: 1,15 m² **12,34 ft²**

Total: 1,15 m² **12,34 ft²**

Glass: 8+12+8 - Cool Lite SKN 176 T 8mm + 12mm we argon + 8mm T incolor Lt:69,00; Fs:37,00; Ug:1,20;

REF: 202

QT.

UNIT PRICE.

TOTAL

1



Series: HYSTYLE

Considered options:

Frame: 1 vent

Surface treatment: HYLINE Selection9005 Matt

Width: 3556 (mm) *11.00 Ft, 8.00 In*

Height: 2502 (mm) *9.00 Ft, 2.00 In, 25.00 Ft*

(Frame Dimension)

Each unit: 8,90 m² **95,77 ft²**

Total: 8,90 m² **95,77 ft²**

Glass: 12+14+12 - Cool Lite SKN 176 T 12mm + 14mm we argon + 12mm T colorless

	Qt.	Price
	Qt.1	0,00 EUR
OPTIONS:	Qt.1	0,00 EUR
Inox Drainage System Stainless Steel AISI 304 - 6.687,92€	Qt.1	0,00 EUR
Integrated Floor HYLINE - 5.800,01€	Qt.1	0,00 EUR
Invisible Frame for HYLINE - 9.857,06€	Qt.1	0,00 EUR
Galvanized Subframes for HYLINE - 21.147,41€	Qt.1	0,00 EUR
Different glass thicknesses are considered in our quotation, which may imply	Qt.1	0,00 EUR
slight differences in visual appearance	Qt.1	0,00 EUR
Local wind pressure considered - 1100 Pa (to be confirmed by local rules)	Qt.1	0,00 EUR

GENERAL TERMS OF DELIVERY AND SALE HYLINE BUILDING SYSTEMS

1 GENERAL PROVISIONS

1.1 HYLINE BUILDING SYSTEMS supplies systems (specific sets of profiles and accessories) for transformation - assembly - installation by the customer and ready-to-assemble products for installation at the customer's. These are intended for sliding window/door frames, windows, doors, railings, balconies and curtain walls, as well as layout and decorating details. Unless expressly stipulated, the customer is not entitled to operate as a reseller to other manufacturers and / or installers.

1.2 The proposals for the supply of the products in the form of a system or ready-to-assemble components are regulated by the following general conditions.

1.3 - Hyline does not offer fire rated certified products, safety equipments or devices capable to be used or applied on a fire event; namely smoke exhausting systems, fire rated doors and/or windows, flame arresters' doors and/or windows that should be tested and must be on compliance with European or North American Standard specifications contained, namely, in the following certification referential: EN 12101; EN 1634-1; EN 13501-1/2., NF S 61-932. This statement of improper application, limited liabilities and void warranty is deemed to apply to the entire Hyline product range. A special precaution is advised to all our commercial partners not to offer/advise and consequently sell products where these special characteristics are requested.

2 OFFERS

2.1 Verbal proposals shall only be valid after written confirmation

2.2 Proposals submitted by the agents or representatives of HYLINE BUILDING SYSTEMS shall only be binding thereon if confirmed in writing.

2.3 The offers are binding on HYLINE BUILDING SYSTEMS during the aforementioned period and, by default, they are sent for indicative purposes only and are not binding on HYLINE BUILDING SYSTEMS until the order is accepted.

2.4 Proposals shall be established taking into account the products contained in the HYLINE BUILDING SYSTEMS catalogue, at the time of delivery and shall no longer be valid if there are modifications to these products.

2.5 Unless expressly agreed otherwise, budgets and studies are the responsibility of the customer.

2.6 HYLINE BUILDING SYSTEMS reserves industrial rights over its adaptation components which cannot be assigned to third parties in any form without prior written consent.

2.7 The budget includes a (1) revision of the implementation plans.

3 ORDERS

3.1 Only orders on forms with a legal and commercial header shall be considered. Any modifications or cancellations shall only be accepted up to 48 hours from receipt of the award of contract. After this period, HYLINE BUILDING SYSTEMS reserves the right to invoice any costs generated by the partial or total execution of the order.

3.2 The contract shall only be definitively concluded after express acceptance of the customer's order by HYLINE BUILDING SYSTEMS. Any commitments entered into by agents or representatives of HYLINE BUILDING SYSTEMS are only binding after express confirmation.

3.3 Acceptance of the order is only binding on HYLINE BUILDING for the services and for the conditions set out in its proposals. It is expressly stipulated that any provisions contrary thereto contained in the customer order are not binding on and enforceable against HYLINE BUILDING SYSTEMS, unless otherwise agreed in writing.

3.4 During the execution of the order, the customer may only make changes to its order after it is validated in writing by HYLINE BUILDING SYSTEMS, on the conditions of which the new services shall be provided. However, HYLINE BUILDING SYSTEMS is not obliged to accept the modifications requested by the customer, even if the customer proposes discussion of new conditions.

3.5 The order is personal in nature and cannot be assigned without the express consent of HYLINE BUILDING SYSTEMS.

4 EXECUTION OF SUPPLIES

4.1 HYLINE BUILDING SYSTEMS undertakes to supply its products in accordance with its proposals and the mandatory European technical specifications in effect at the time of delivery of the proposal.

4.2 On the other hand, the builders undertake to use HYLINE BUILDING SYSTEMS products, in accordance with the best construction practices, taking into account the technical regulations in force at the time submission of the proposals and in accordance with the requirements of HYLINE BUILDING SYSTEMS.

5 DELIVERY TIMES

5.1 The delivery times mentioned in our order confirmations are an indication with an approximate date of shipment of the goods. If the date is exceeded, this cannot in any way give rise to retention or compensation, nor justify the cancellation of the order or rejection of the merchandise.

5.2 By express agreement, unforeseen events such as production stoppages, lack of material, raw materials or labour, the failure to supply in good time materials and parts ordered from our suppliers are all cases of force majeure that authorise a suspension or delay in the execution of orders.

5.3 HYLINE BUILDING SYSTEMS reserves the right to suspend the execution of the supplies in the event of a delay in the payments due from the customer. The time limit for completion is extended accordingly.

6 RECEPTION OF GOODS

6.1 By express agreement, the unloading at the place of delivery is ensured exclusively by and under the responsibility of the customer.

6.2 The verification of the merchandise must be carried out at the time of unloading. The verification must cover the state of the products and articles on reception, their colours, quantities and dimensions.

6.3 In the event of a breakdown or fault, the customer must make all necessary observations and state its reservations to the carrier by registered letter with return receipt within 3 days from receipt of the products.

Otherwise, delivery is considered compliant with the specifications of the customer's order and no complaints against HYLINE BUILDING SYSTEMS can be accepted.

6.4 The customer may only file a complaint against the carrier. The choice of carrier by HYLINE BUILDING SYSTEMS does not change the customer's obligations in this regard.

6.5 In the event of delivery of defective products by HYLINE BUILDING SYSTEMS, they may only be simply replaced, to the exclusion of any other type of damages, whatever the reason.

7 RETURN OF GOODS

7.1 HYLINE BUILDING SYSTEMS does not accept any return of goods that has not been previously authorised in writing. When authorised, the affected goods must be returned by the customer, at its expense and in the state in which they were supplied/received.

7.2 In the event of voluntary return, a fee of 20% of the invoice price shall be debited, provided the goods are in a perfect condition for resale.

7.3 Products that are not part of the permanent stock, particularly special orders, cannot be returned under any circumstances.

8 PRICE

8.1 Prices are subject to review. They are established based on current economic conditions and adapted for billing purposes to the price list on the day of dispatch.

8.2 In the absence of express agreement, the prices are net, without discounts, without taxes, and the taxes shall be billed at the legal rate in force.

8.3 The prices are ex works.

9 DELIVERY SHIPPING

9.1 Deliveries are considered made ex works:

- by direct delivery to the customer

- by simple notice of availability

- or by release from our warehouses or factory to a shipper or carrier designated by the customer or chosen by HYLINE BUILDING SYSTEMS.

9.2 In all cases, the risks are passed on to the purchaser ex works, even if HYLINE BUILDING SYSTEMS handles the shipping

9.3 HYLINE BUILDING SYSTEMS decides on the means of shipping, unless special instructions have been given by the buyer.

10 PAYMENT

10.1 Only the payment conditions indicated in the price offers or receipt confirmations are valid, whatever may appear on the customer's order.

10.2 If no customer account has been opened, deliveries must be paid at the time of the order.

To open a customer account, the customer must provide HYLINE BUILDING SYSTEMS with an account opening document duly completed and signed by a person authorised to do so, accompanied by proof of bank identification, for payments.

10.3 The payments must be sent to the registered office of HYLINE BUILDING SYSTEMS in order to be accepted.

10.4 If no payment is made within the agreed time limits, late penalties shall be due on the day following the payment date shown on the invoice, without any further notice, as well as a legal compensation of 40 euros for collection costs. The penalty fee for delays is 3 times the legal rate

10.5 In the event of an incident or delay in payment, HYLINE BUILDING SYSTEMS reserves the right to suspend or cancel current and future supplies, notwithstanding any prior agreement and without prejudice to any other remedies. Any incident or delay in payment shall lead to the forfeiture of any type of discount and other agreed benefits.

10.6 In the event of late payment, the amounts outstanding shall be immediately payable.

10.7 After the granting of credit, in the event of deterioration of the customer's financial situation, HYLINE BUILDING SYSTEMS reserves the right to demand an advance payment or to request payment guarantees for other current and future orders.

10.8 To guarantee full payment and in case the customer does not fulfil its financial commitments, HYLINE BUILDING SYSTEMS reserves the right to recover the funds owed to it by all means at its disposal, including the disassembly of supplied materials. It is hereby expressly stipulated that it shall retain any amounts already paid by the customer as full compensation for losses incurred.

10.9 Non-payment shall lead to an increase of 20% as a penal clause, in order to compensate the costs incurred to recover the debt (Art. 1153 of the Civil Code).



V I S I O N W I T H O U T B O U N D A R I E S

11 RETENTION OF TITLE

11.1 Supplies are sold in the form of "forward sales".

Supplies shall only be considered acquired by the customer when paid in full.

Up to that date, HYLINE BUILDING SYSTEMS has full title to such materials which shall be maintained accessible by the customer and inaccessible to the customer's creditors.

12 INTELLECTUAL PROPERTY RIGHTS

12.1 The use by the customer of the HYLINE BUILDING SYSTEMS trademark or of any other trademarks belonging to HYLINE BUILDING SYSTEMS is strictly limited to those projects that exclusively apply HYLINE BUILDING SYSTEMS products.

12.2 This restriction applies to all written or oral communications. All misuse shall be the subject of proceedings.

13 LIABILITY AND GUARANTEES

13.1 HYLINE BUILDING SYSTEMS shall not be held liable for damages caused by the use of its products in improper conditions or for improper purposes in relation to their characteristics, or the absence or poor maintenance of such products.

The use of products such as hardware, seals or others that are not supplied for modification of products by the customer or without express prior validation

The assembly drawings, catalogues, studies and recommendations are provided purely by way of example. They are not binding on HYLINE BUILDING SYSTEMS. They do not constitute an execution element and belong to the customer, under its full responsibility, the customer being responsible for ensuring, prior to their use, that the products are suitable for the type of use and for the particular conditions in which they are to be used.

13.2 The liability of HYLINE BUILDING SYSTEMS is strictly limited to its obligations under these general conditions of sale. Therefore, except in a case of serious error, fraud or negligence if HYLINE BUILDING SYSTEMS is not able to fulfil its obligations, its liability is limited to all direct damages of any kind at the sale price of the affected materials by way of compensation for such losses. The liability of HYLINE BUILDING SYSTEMS shall exclude all indirect damages of any kind whatsoever, including financial or commercial losses and loss of profit, operating benefits, order data or customer data.

13.3 For the supplies made by HYLINE BUILDING SYSTEMS, the guarantee is limited to that given to suppliers and to lacquering and anodization suppliers.

13.4 HYLINE BUILDING SYSTEMS shall not be liable for any materials and for materials supplied by or required by its customer.

13.5 HYLINE BUILDING SYSTEMS is not liable for any disturbances caused by the customer, user or third parties, namely due to improper handling, misuse or lack of maintenance, improper storage, incorrect handling before or after assembly, installation that does not comply with best industry practice, non-compliance with the instructions of HYLINE BUILDING SYSTEMS, knocks and scratches occurring during assembly by the customer, placement and during the course of the work.

13.6 It is to be recalled that our products cannot be used on the coastline (less than 3 km from the coast) without having been given either anodization treatment (preferably class 20) certified by the QUALANOD EURAS label or a powder-coating treatment certified by the QUALICOAT label, marine or seaside class.

13.7 The products must receive regular maintenance in accordance with the recommendations set forth in the catalogues. Products exposed to harsh environments must be regularly cleaned with clean water.

14 DISPUTES

14.1 All sales completed by HYLINE BUILDING SYSTEMS shall be subject to Portuguese law.

The courts of ESPOSENDE - PORTUGAL have sole competence in the event of any type of dispute even if there are multiple defendants or a guarantee dispute.

14.2 The issue of a bill of exchange or advance payments shall not lead to any change, novation or derogation to this jurisdiction clause.

15 VALIDITY OF THESE GENERAL TERMS AND CONDITIONS

The current general terms of HYLINE BUILDING SYSTEMS shall revoke and replace all previous documents to the contrary. All additions, obliterations, modifications or deletions made to these terms and conditions that are not expressly confirmed in writing by HYLINE BUILDING SYSTEMS are null and void.

Sales are governed by all the general terms of sale, with the express exclusion of all general terms of purchase by the customer, as well as, in general, all stipulations not compatible in whole or in part, directly or indirectly, which may appear in their own documents, whatever they may be.