



Click on the heading or the flag to enter the corresponding section.
Cliquer sur le titre ou sur le drapeau pour accéder à la section correspondante.
Klicken Sie auf den Titel oder auf die Flagge, um zum zugehörigen Abschnitt zu gelangen.
Fai click sul titolo o sulla bandiera per accedere alla sezione corrispondente.



Kitchens, (living/sleeping quarters) furniture, bathroom accessories, indoor lighting, sliding doors/frames, fireboxes, radiators.



Cuisines, ameublements (zone jour/nuit), accessoires salles de bains, éclairages intérieurs, portes coulissantes/cadres, poêles, radiateurs.



Küchen, Einrichtungen (Wohn-/Schlafbereich), Badezimmerzubehör, Innenbeleuchtung, Schiebetüren/Rahmen, Thermokamin-Öfen, Heizkörper.



Cucine, arredi (zona giorno/notte), accessori bagno, illuminazione interni, porte scorrevoli/telai, termocamini, radiatori.



Kitchens, (living/sleeping quarters) furniture, bathroom accessories, indoor lighting, sliding doors/frames, fireboxes, radiators.

Kitchens are from **ASTRA, Line** model:

<http://www.astra.it/jsps/catalogo.jsp/node=ECOM00013556>

Some production details:

Doors: lacquered acrylic: lacquering on raw MDF panel treated with polyester background. After a first coating of lacquering in the chosen colour, the surface is smoothed down. At the end, transparent matt acrylic is applied, which gives a “silk” effect to the touch and makes the surface more scratch-resistant than a standard matt lacquering.

Frames: ASTRA 18mm-thick laminated frames are perfectly sealed (on all joints and edges) by polyurethane glue applied to the 1mm-thick edge. As a consequence, the entire structure does not get in contact with humidity, avoiding swelling problems. ASTRA uses production materials and methods which do not cause environmental unbalances, compliant with regulations limiting the emission of harmful substances. That is why our frames are class E1 (minimum emission of formaldehyde). The structures of the elements made up of wood conglomerates are made 100% of recycled wood. This allows us to be labeled “guaranteed 100% recycled wood eco-friendly panel”.

Blum drawers, cabinets, opening systems: drawers and cabinets have a large capacity and are very functional and easy to take objects from. The standard ASTRA supply provides for BLUM TANDEMBOX PLUS featuring BLUMOTION soft-close system, to maximize available space. The decision to use BLUM comes from the need to have German quality, for long-lasting certified safety; the drawers and cabinets are provided with soft and effortless closing and adaptive cushioning system. The boxes, in addition to dishes, pans, detergents, utensils and food contain the waste bin for separate waste collection.

Tops and backs: worktops are in precious granite Brown Antique brushed and water jet (treatment that makes them particularly resistant). They have a thickness of 3 cm 2 cm instead of the standard so that the appearance of already minimalistic kitchens is not too modern.

www.payanini.com

Household electrical appliances

Fridge + (in-built) icebox: Electrolux class A+, FI 251/2T 230 LITRES

Oven: Electrolux, FQ53X CLASS A

Cooktop: INDUCTION, Electrolux, KTI6430E (1,458 euro + VAT for two cooktops)

(In-built) dishwasher: L45, Electrolux, TT4451, CLASS A

(In-built) washing machine: L60, Electrolux, LI1270E A++ 7KG 1200turns/min
www.electrolux.it

Mixer: chrome-plated Blanco Mida

Flush sink: Blanco Supra 400-U steel 18/10

<http://www.blanco-germany.com/it/it/home.html>

The kitchens have **led bars** with transformers and embedded switches.

Sleeping/living quarters furniture:

Beds: by GIESSEGI, model Venus:

<http://www.giessegi.it/it/collezioni/camere-matrimoniali/letti matrimoniali/venus/>

Closets: by GIESSEGI, model star:

<http://www.giessegi.it/it/collezioni/cabine-armadio/>

Sofa beds: by Fabbri salotti, model Natali:

<http://www.fabbrisalotti.it>

Table/Chairs:

www.laseggiola.it

Bathroom accessories

Bathroom fixtures (WC, bidet): LFT SPAZIO 18, with loose hinges:

http://www.simas.it/wp/?page_id=851&lang=it

Shower boxes: ARBLU, model MARTE, 2 single-swing doors:

<http://www.arblu.it/ita/boxdoccia/seriemarte/51>

1 fixed door (+ 1 single door), h. 190cm:

<http://www.arblu.it/ita/boxdoccia/seriemarte/52>

Manufacture of Bathroom and Home decorative accessories:

<http://www.industriebonomi.com/index.php?dir=prodotti&file=&area=1&catId=32>

Built-in WC flush box: GEBERIT:

http://www.geberit.it/it_it/target_groups/architect/products_architect/toilets/concealed_cisterns_1/concealed_cisterns_2.html

Taps and faucets: GROHE Eurosmart Cosmopolitan line:

<http://www.grohe.com/it/16613/bagno/gamma-rubinetteria/eurosmart-cosmopolitan/>

Washbasins are of Indonesian marble.

Interior/Exteriors lighting:

Ceramic wall lights by BELFIORE characterized by the purity of shapes, Pure line:

<http://www.belfioresrl.it/>

External lighting: model Greg /Indoor: model Rituals1, by Foscarini:

www.foscarini.com

Interior sliding doors

FERRERO LEGNO door, EQUA collection, model STYLA, trame bianco:

<http://www.ferrerolegnoporte.it/porte/collezioni/equa/630/styla/legno/trame-bianco>

Unico frames for sliding doors: ECLISSE

<http://www.eclisse.it/Prodotti/Controtelai/Unico>

Fireboxes: PALAZZETTI MULTIFIRE 45 Idro round door:

http://www.palazzetti.it/it/caminetti_e_stufe/focolari/multifire_idro/multifire_45_idro_porta_tonda

Radiators: K8, model Wall:

http://www.k8radiatori.it/modello.asp?id_modello=177&img=wall1

Windows:

All external windows of the house were provided by one of the most prestigious factories in Athens, the Viekko. The wood chosen is the very special "Meranti", handles and internal hinges are in brushed steel, external hinges from a special alloy anti rust as well as for locks shutters, the nets of the best existing type, ie the "Plissee" type. The average cost per light point of housing was greater than a thousand euro.

<http://www.viekkogroup.gr/en/page/viekkogroup>

Your composition:

4 mm iplus Energy N on Clearlite pos.2 - 16 mm Argon 90% - 4 mm Planibel Clearlite

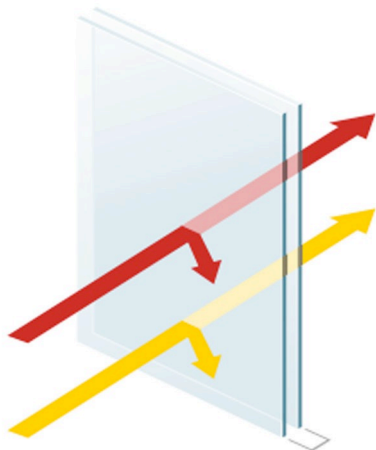
Personal notes:

LIGHT

Transmission	74
Reflection	12

ENERGY

Solar factor	41
Reflection	38



THERMAL PROPERTIES (EN 673)	EN 673
Ug-Value - W/(m ² .K)	1.0

LIGHT PROPERTIES (EN 410)	EN 410
Light Transmission - τ_v (%)	74
Light Reflection - ρ_v (%)	12
Internal light reflection - ρ_{vi} (%)	14
Colour Rendering - RD65 - Ra (%)	97

ENERGY PROPERTIES	EN 410	ISO 9050
Solar factor - g (%)	41	39
Energy Reflection - ρ_e (%)	38	40
Direct Energy Transmission - τ_e (%)	39	37
Solar abs. Glass 1 - α_e (%)	22	22
Solar abs. Glass 2 - α_e (%)	1	1
Total Energy absorption - α_e (%)	23	23
Shading coefficient - SC	0.47	0.45
UV Transmission - UV (%)	13	
Selectivity	1.8	1.8

OTHER PROPERTIES

Resistance to fire - EN 13501-2	NPD
Reaction to fire - EN 13501-1	NPD
Bullet Resistance - EN 1063	NPD
Burglar Resistance - EN 356	NPD
Pendulum body impact resistance - EN 12600	NPD / NPD

ACOUSTIC PROPERTIES

Direct airborne sound insulation(R_w (C;Ctr) - EN 12758) - dB	30 (-1; -4) ⁽¹⁾
--	----------------------------

THICKNESS AND WEIGHT

Nominal thickness (mm)	24
Weight (kg/m ²)	20

The data are calculated using spectral measurements that are conform to standards EN 410, ISO 9050 (1990) and WIS/WINDAT. The Ug-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898.

This document is no evaluation of the risk of glass breakage due to thermal stress. For tempered glass: the risk of spontaneous breakage due to Nickel-Sulfide is not covered by AGC Glass Europe. The Heat Soak Test is available on request. Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. AGC Glass Europe can not be held responsible for any deviation between the data introduced and the conditions on site. This document is only informative, in no way it implies an acceptance of the order by AGC Glass Europe.

While the AGC GlassConfigurator allows for accurate measurement of the above performances, the AGC GlassConfigurator does not create any supplementary liability on the part of AGC with regard to the AGC products delivered to customers. AGC's liability remains limited to the AGC products manufactured and delivered by AGC only.

The user of the AGC GlassConfigurator undertakes to provide clear and comprehensive information and to refrain from any misleading commercial practice which would be likely to deceive the customers as to the manufacturer of the products it purchases.

The user of the AGC GlassConfigurator undertakes to indemnify and hold harmless AGC from and against any and all claims, costs and damages arising out of, or relating to improper / misleading use of the AGC GlassConfigurator.

See also conditions of use.

⁽¹⁾These sound reduction indexes correspond to glazings which are 1,23 by 1,48m according to EN ISO 10140-3 and are tested in laboratory conditions. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is not better than +/- 1dB.

⁽²⁾These sound reduction indexes are estimated (no test).They correspond to glazings which are 1,23m. by 1,48 m. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is +/- 2dB.

  **Cuisines, ameublements (zone jour/nuit), accessoires salles de bains, éclairages intérieurs, portes coulissantes/cadres, poêles, radiateurs.**

Les cuisines sont des produits de la marque **ASTRA**, modèle **Line**:

<http://www.astra.it/jsps/catalogo.jsp/node=ECOM00013556>

Certains détails de fabrication:

Les **portes** : laqué acrylique: le laquage est effectué sur un panneau MDF brut traité précédemment avec un fond en polyester. Après une première couche de laque avec la couleur choisie, la surface est polie. A la fin, la couche mate acrylique transparente est appliquée et donne un effet "soyeux" au toucher et la surface devient plus résistante aux rayures qu'avec une couche normale de laque mate.

Les **structures**: dans les structures plaquées d'une épaisseur de 18 mm, ASTRA se concentre sur le scellement parfait des éléments (sur toutes les jonctions et les arêtes) au moyen d'une colle polyuréthane appliquée sur le bord d'une épaisseur d'un millimètre. De cette manière, l'entièreté de la structure ne peut rentrer en contact avec l'humidité, en évitant ainsi tout problème de gonflement en amont. Pour sa production, ASTRA adopte des matériaux et des méthodologies qui ne créent pas de déséquilibres environnementaux, en respectant les réglementations qui limitent l'émission de substances nocives. Pour ce motif, nos structures sont en classe E1 (émission minimum de Formaldéhyde). Les structures des éléments sont constituées de bois agglomérés provenant à 100% de bois recyclé. Ceci nous permet d'obtenir le label " Garantito Pannello Ecologico 100& Legno Riciclato".

Tiroirs, coulissants, systèmes d'ouverture Blum: tiroirs et coulissants ont une grande capacité et sont très fonctionnels, tout en étant particulièrement commodes pour prendre les objets. De série, ASTRA fournit l'EXTRACTION TOTALE TANDEMBOX PLUS de BLUM avec BLUMOTION, afin de pouvoir mieux exploiter l'espace disponible. Le choix d'utiliser BLUM est issu de l'exigence de bénéficier un maximum de la qualité allemande, pour une sécurité certifiée durable; en effet, les tiroirs sont munis, tout comme les coulissants, d'arrêt de fin de course, de rappel automatique de fermeture et de freinage assisté. Les coulissants contiennent la poubelle pour le tri sélectif des déchets, ainsi que les assiettes, les casseroles, les ustensiles et aliments.

Plans de travail et dos cuisines: les plans de travail sont en granit précieux Brown Antique brossé et jet d'eau (traitement qui les rend particulièrement résistants). Ils ont une épaisseur de 3 cm 2 cm afin de ne pas donner un profil trop moderne à des cuisines déjà minimalistes

www.payanini.com

Electroménagers:

Frigo + congélateur (encastrable): Electrolux classe A+, FI 251/2T 230 LITRES

Four: Electrolux, FQ 53X CLASSE A

Plan de cuisson: à INDUCTION, Electrolux, KTI6430E (1.458 euro + Tva pour les deux plans)

Lave-vaisselle (encastrable): L45, Electrolux, TT4451, CLASSE A

Lave-linge (encastrable): L60, Electrolux, LI1270E A++ 1200 tours/min
www.electrolux.it

Mélangeur: Blanc Mida chromé

Evier Sous-plan: Blanco Supra 400-U acier 18/10
<http://www.blanco-germany.com/it/it/home.html>

Les cuisines disposent de **barres à led** avec des transformateurs et des interrupteurs incorporés.

Ameublements zone nuit/séjour:

Lits: by GIESSEGI, modèle Venus:
<http://www.giessegi.it/it/collezioni/camere-matrimoniali/letti matrimoniali/venus/>

Armoires: by GIESSEGI: modèle Star:
<http://www.giessegi.it/it/collezioni/cabine-armadio/>

Divans-lit: Fabbri salotti, model Natali
www.fabbrisalotti.it

Tables/chaises :
www.laseggiola.it

Accessoires salles de bains :

Sanitaires (wc, bidet): LFT SPAZIO 18, avec charnières avec fermeture amortie:
http://www.simas.it/wp/?page_id=851&lang=it

Cabines de douche: ARBLU, modèle MARTE, à deux portes battantes:
<http://www.arblu.it/ita/boxdoccia/seriemarte/51>

à 1 porte fixe (+1 porte battante), h. 190 cm:
<http://www.arblu.it/ita/boxdoccia/seriemarte/52>

Accessoires salles de bains :
<http://www.industriebonomi.com/index.php?dir=prodotti&file=&area=1&catId=32>

Réservoir wc à encastrer: GEBERIT:

http://www.geberit.it/it_it/target_groups/architect/products_architect/toilets/concealed_cisterns_1/concealed_cisterns_2.html

Robinetterie : GROHE ligne Eurosmart Cosmopolitam:

<http://www.grohe.com/it/16613/bagno/gamma-rubinetteria/eurosmart-cosmopolitan/>

Les **lavabos** sont en marbre indonésien.

Eclairage pour intérieurs/extérieurs:

Appliques BELFIORE en porcelaine caractérisées par la pureté des formes, ligne Pure:

<http://www.belfioresrl.it/>

Lampes Outdoor: modèle Greg / Indoor: modèle Rituals1, by Foscarini:

www.foscarini.it

Portes coulissantes internes:

Porte FERRERO LEGNO collection EQUA mod. STYLA, trame bianco:

<http://www.ferrerolegnoporte.it/porte/collezioni/equa/630/styla/legno/trame-bianco>

Cadre unique pour portes coulissantes: ECLISSE

<http://www.eclisse.it/Prodotti/Controtelai/Unico>

Poêles: PALAZZETTI MULTIFIRE 45 Idro porte ronde:

http://www.palazzetti.it/it/caminetti_e_stufe/focolari/multifire_idro/multifire_45_idro_porta_tonda

Radiateurs: K8, modèle Wall:

http://www.k8radiatori.it/modello.asp?id_modello=177&img=wall1

Fenêtres

Toutes les fenêtres extérieures de la maison ont été fournies par l'une des usines les plus prestigieuses à Athènes, le Vieikko. Le bois choisi est le très spécial "Meranti", les poignées et les charnières internes sont en acier brossé, charnières extérieures à partir d'un alliage antirouille spécial ainsi que pour les serrures volets, les filets du meilleur type existant, à savoir le type "Plissée". Le coût moyen par point de boîtier de la lumière est supérieure à un milliers d'euros.

<http://www.vieikko.gr/en/page/athens-store>

Your composition:

4 mm iplus Energy N on Clearlite pos.2 - 16 mm Argon 90% - 4 mm Planibel Clearlite

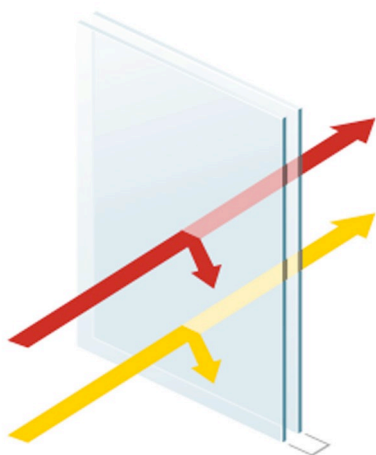
Personal notes:

LIGHT

Transmission	74
Reflection	12

ENERGY

Solar factor	41
Reflection	38



LIGHT PROPERTIES (EN 410)

	EN 410
Light Transmission - τ_v (%)	74
Light Reflection - ρ_v (%)	12
Internal light reflection - ρ_{vi} (%)	14
Colour Rendering - RD65 - Ra (%)	97

ENERGY PROPERTIES

	EN 410	ISO 9050
Solar factor - g (%)	41	39
Energy Reflection - ρ_e (%)	38	40
Direct Energy Transmission - τ_e (%)	39	37
Solar abs. Glass 1 - α_e (%)	22	22
Solar abs. Glass 2 - α_e (%)	1	1
Total Energy absorption - α_e (%)	23	23
Shading coefficient - SC	0.47	0.45
UV Transmission - UV (%)	13	
Selectivity	1.8	1.8

OTHER PROPERTIES

Resistance to fire - EN 13501-2	NPD
Reaction to fire - EN 13501-1	NPD
Bullet Resistance - EN 1063	NPD
Burglar Resistance - EN 356	NPD
Pendulum body impact resistance - EN 12600	NPD / NPD

ACOUSTIC PROPERTIES

Direct airborne sound insulation (R_w (C;Ctr) - EN 12758) - dB	30 (-1; -4) ⁽¹⁾
---	----------------------------

THICKNESS AND WEIGHT

Nominal thickness (mm)	24
Weight (kg/m ²)	20

THERMAL PROPERTIES (EN 673)	EN 673
Ug-Value - W/(m ² .K)	1.0

The data are calculated using spectral measurements that are conform to standards EN 410, ISO 9050 (1990) and WIS/WINDAT.

The Ug-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898.

This document is no evaluation of the risk of glass breakage due to thermal stress. For tempered glass: the risk of spontaneous breakage due to Nickel-Sulfide is not covered by AGC Glass Europe. The Heat Soak Test is available on request.

Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. AGC Glass Europe can not be held responsible for any deviation between the data introduced and the conditions on site. This document is only informative, in no way it implies an acceptance of the order by AGC Glass Europe.

While the AGC GlassConfigurator allows for accurate measurement of the above performances, the AGC GlassConfigurator does not create any supplementary liability on the part of AGC with regard to the AGC products delivered to customers. AGC's liability remains limited to the AGC products manufactured and delivered by AGC only.

The user of the AGC GlassConfigurator undertakes to provide clear and comprehensive information and to refrain from any misleading commercial practice which would be likely to deceive the customers as to the manufacturer of the products it purchases.

The user of the AGC GlassConfigurator undertakes to indemnify and hold harmless AGC from and against any and all claims, costs and damages arising out of, or relating to improper / misleading use of the AGC GlassConfigurator.

See also conditions of use.

⁽¹⁾These sound reduction indexes correspond to glazings which are 1,23 by 1,48m according to EN ISO 10140-3 and are tested in laboratory conditions. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is not better than +/- 1dB.

⁽²⁾These sound reduction indexes are estimated (no test). They correspond to glazings which are 1,23m. by 1,48 m. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is +/- 2dB.



Küchen, Einrichtungen (Wohn-/Schlafbereich), Badezimmerzubehör, Innenbeleuchtung, Schiebetüren/Rahmen, Thermokamin-Öfen, Heizkörper.

Die Küchen sind von **ASTRA**, Model **Line**:

<http://www.astra.it/jsps/catalogo.jsp/node=ECOM00013556>

Einige Details des Herstellungsverfahrens :

Die **Türen**: Acryllack: Die Lackierung erfolgt auf der rohen MDF-Platte, die vorher mit Polyester-Grundierung behandelt wurde. Nach der ersten Lackschicht in der gewählten Farbe, wird die Oberfläche geglättet. Am Ende wird ein transparenter, matter Acryl aufgebracht, der einen „seidenen“ Effekt beim Anfassen verleiht und die Oberfläche selbst kratzfester als einen normalen Mattlack macht.

Die **Strukturen**: in den Edelgestellen mit 18 mm Dicke, konzentriert sich ASTRA auf die perfekte Versiegelung der Strukturen (auf allen Fugen und Kanten) mit Polyurethan-Kleber mit einer Dicke von einem Millimeter, der am Rand aufgetragen wird. Auf diese Weise kann die gesamte Struktur nicht mit Feuchtigkeit in Berührung kommen und somit werden Schwellungsprobleme von Anfang an vermieden. ASTRA verwendet Materialien und Produktionsmethoden, die keine Umweltungleichgewichte schaffen, unter Beachtung der Vorschriften, die die Emission von schädlichen Substanzen beschränken. Daher sind unsere Strukturen in der Klasse E1 (minimale Formaldehyd-Emission). Die Strukturen der Elemente aus Holzwerkstoffen stammen 100% aus Recycling-Holz. Dies ermöglicht uns das Markenzeichen „Garantiertes Ökologisches Panel 100% aus Recycling-Holz“ zu haben.

Schubladen, Auszugselemente, Öffnungssysteme von Blum: Schubladen und Auszugselemente, haben Fassungsvermögen und sind sehr funktionell, da sie besonders praktisch sind, um Gegenstände zu herauszuholen. Die Serie ASTRA bietet den gesamten Auszug mit der TANDEMBOX BLUMOTION PLUS von BLUM, um den verfügbaren Speicherplatz am besten auszunutzen. Die Wahl BLUM zu verwenden kommt von der Notwendigkeit, die beste deutsche Qualität für eine zertifizierte Sicherheit zu haben, die lange anhält; in der Tat sind sowohl die Schubladen als auch die Auszugselemente mit Endanschlägen, automatischer Schließvorrichtung und Bremsassistent versehen. Die Auszugskörbe können außer Geschirr, Töpfen, Reinigungsmitteln, Utensilien und Lebensmittel auch den Abfallsammler für die getrennte Müllsammlung enthalten.

Arbeitsflächen und Küchenrückwände: die Tischplatten sind in edlem Granit Brown Antique gebürstet und Wasserstrahl (Behandlung, die sie besonders widerstandsfähig macht. Sie haben eine Dicke von 3 cm 2 cm anstelle des Standard nicht ein Schnitt zu einer modernen Küche mit minimalen Schnitt nicht geben.

www.payanini.com

Haushaltsgeräte

Kühlschrank + kleine Gefrierzelle (zum Einbau): Electrolux Klasse A+, FI 251/2T 230LITER

Ofen: Electrolux, FQ53X KLASSE A

Kochfläche: INDUKTION, Electrolux, KTI6430E (1.458 Euro + MwSt. für die zwei Flächen)

Geschirrspüler (Einbau): L45, Electrolux, TT4451, KLASSE A

Waschmaschine (Einbau): L60, Electrolux, LI1270E A++ 7KG 1200 turns/min

www.electrolux.it

Wasserhahn: Blanco Mida verchromt

Spülbecken Unterbau: Blanco Supra 400-U Stahl 18/10

<http://www.blanco-germany.com/it/it/home.html>

Die Küchen verfügen über **LED-Barren** mit Transformatoren und eingebauten Schaltern.

Einrichtungen Wohn- und Schlafbereich:

Betten: by GIESSEGI, Modell Venus:

<http://www.giessegi.it/it/collezioni/camere-matrimoniali/letti matrimoniali/venus/>

Schränke: by GIESSEGI, Modell Star:

<http://www.giessegi.it/it/collezioni/cabine-armadio/>

Schlafsofas: von Fabbri salotti, modell Natali

<http://www.fabbrisalotti.it>

Tisch/Stühle :

www.laseggiola.it

Badezimmerzubehör

WCs und Bidets: LFT SPAZIO 18, mit verlangsamtem Verschluss:

http://www.simas.it/wp/?page_id=851&lang=it

Duschkabinen: ARBLU, Model MARTE, mit zweiflügeligen Türen:

<http://www.arblu.it/ita/boxdoccia/seriemarte/51>

mit einer unbeweglichen Seite (+1 Flügeltür), Höhe 190 cm:

<http://www.arblu.it/ita/boxdoccia/seriemarte/52>

Badezimmerzubehör:

<http://www.industriebonomi.com/index.php?dir=prodotti&file=&area=1&catId=32>

Einbau-WC-Spülkästen: GEBERIT:

http://www.geberit.it/it_it/target_groups/architect/products_architect/toilets/concealed_cisterns_1/concealed_cisterns_2.html

Wasserhähne: GROHE Linie Eurosmart Cosmopolitan:

<http://www.grohe.com/it/16613/bagno/gamma-rubinetteria/eurosmart-cosmopolitan/>

Die **Waschbecken** sind aus indonesischem Marmor.

Innenbeleuchtung:

Wandleuchten von BELFIORE aus Keramik mit sauberen Formen der Linie

Pure: <http://www.belfioresrl.it/>

Lampen Outdoor: modell Greg / Indoor: modell Rituals1, by Foscarini:

www.foscarini.com

Innere Schiebetüren

Tür FERRERO LEGNO Kollektion EQUA Mod. STYLA, weiß:

<http://www.ferrerolegnoporte.it/porte/collezioni/equa/630/styla/legno/trame-bianco>

Einziges Gestell für Schiebetüren: ECLISSE

<http://www.eclisse.it/Prodotti/Controtelai/Unico>

Thermokamin-Öfen: PALAZZETTI MULTIFIRE 45 Idro runde Tür:

http://www.palazzetti.it/it/caminetti_e_stufe/focolari/multifire_idro/multifire_45_idro_porta_tonda

Heizkörper: K8, Modell Wall:

http://www.k8radiatori.it/modello.asp?id_modello=177&img=wall1

Fenster

Alle externen Fenster des Hauses wurden von einem der angesehensten Fabriken in Athen, der Viecko zur Verfügung gestellt. Das Holz gewählt ist die ganz besondere "Meranti", Griffe und innenliegende Türscharniere sind aus gebürstetem Stahl, außenliegende Scharniere aus einer speziellen Legierung Anti Rost sowie für Schlösser Fensterläden, die Netze der besten vorhandenen Typ, dh die "Plissee" -Typ. Die durchschnittlichen Kosten pro Lichtpunkt Gehäuse war größer als ein Tausend Euro.

<http://www.viecko.gr/en/page/athens-store>

Your composition:

4 mm iplus Energy N on Clearlite pos.2 - 16 mm Argon 90% - 4 mm Planibel Clearlite

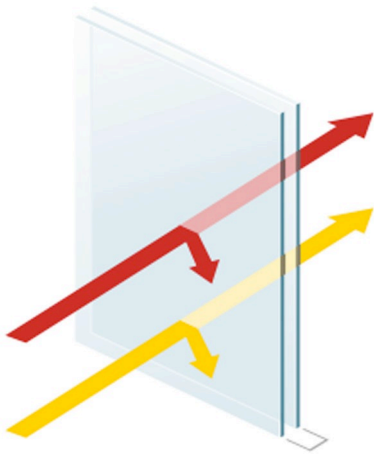
Personal notes:

LIGHT

Transmission	74
Reflection	12

ENERGY

Solar factor	41
Reflection	38



LIGHT PROPERTIES (EN 410)

	EN 410
Light Transmission - τ_v (%)	74
Light Reflection - ρ_v (%)	12
Internal light reflection - ρ_{vi} (%)	14
Colour Rendering - RD65 - Ra (%)	97

ENERGY PROPERTIES

	EN 410	ISO 9050
Solar factor - g (%)	41	39
Energy Reflection - ρ_e (%)	38	40
Direct Energy Transmission - τ_e (%)	39	37
Solar abs. Glass 1 - α_e (%)	22	22
Solar abs. Glass 2 - α_e (%)	1	1
Total Energy absorption - α_e (%)	23	23
Shading coefficient - SC	0.47	0.45
UV Transmission - UV (%)	13	
Selectivity	1.8	1.8

OTHER PROPERTIES

Resistance to fire - EN 13501-2	NPD
Reaction to fire - EN 13501-1	NPD
Bullet Resistance - EN 1063	NPD
Burglar Resistance - EN 356	NPD
Pendulum body impact resistance - EN 12600	NPD / NPD

ACOUSTIC PROPERTIES

Direct airborne sound insulation (R_w (C;Ctr) - EN 12758) - dB	30 (-1; -4) ⁽¹⁾
---	----------------------------

THICKNESS AND WEIGHT

Nominal thickness (mm)	24
Weight (kg/m ²)	20

THERMAL PROPERTIES (EN 673)	EN 673
Ug-Value - W/(m ² .K)	1.0

The data are calculated using spectral measurements that are conform to standards EN 410, ISO 9050 (1990) and WIS/WINDAT.

The Ug-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898.

This document is no evaluation of the risk of glass breakage due to thermal stress. For tempered glass: the risk of spontaneous breakage due to Nickel-Sulfide is not covered by AGC Glass Europe. The Heat Soak Test is available on request.

Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. AGC Glass Europe can not be held responsible for any deviation between the data introduced and the conditions on site. This document is only informative, in no way it implies an acceptance of the order by AGC Glass Europe.

While the AGC GlassConfigurator allows for accurate measurement of the above performances, the AGC GlassConfigurator does not create any supplementary liability on the part of AGC with regard to the AGC products delivered to customers. AGC's liability remains limited to the AGC products manufactured and delivered by AGC only.


The user of the AGC GlassConfigurator undertakes to provide clear and comprehensive information and to refrain from any misleading commercial practice which would be likely to deceive the customers as to the manufacturer of the products it purchases.

The user of the AGC GlassConfigurator undertakes to indemnify and hold harmless AGC from and against any and all claims, costs and damages arising out of, or relating to improper / misleading use of the AGC GlassConfigurator.

See also conditions of use.

⁽¹⁾These sound reduction indexes correspond to glazings which are 1,23 by 1,48m according to EN ISO 10140-3 and are tested in laboratory conditions. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is not better than +/- 1dB.

⁽²⁾These sound reduction indexes are estimated (no test). They correspond to glazings which are 1,23m. by 1,48 m. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is +/- 2dB.

  **Cucine, arredi (zona giorno/notte), accessori bagno, illuminazione interni, portescorrevoli/telai, termocamini, radiatori.**

Le cucine **sono della ASTRA, modello Line:**

<http://www.astra.it/jsps/catalogo.jsp/node=ECOM00013556>

Alcuni dettagli della manifattura:

Le **ante**: laccato acrilico: la laccatura viene effettuata su pannello di MDF grezzo trattato in precedenza con fondo poliestere. Dopo una prima mano di laccato del colore prescelto, la superficie viene levigata. Alla fine viene applicato l'opaco Acrilico trasparente, che dona un effetto "seta" al tatto e rende la superficie stessa molto più resistente al graffio di un normale laccato opaco.

I **fusti**: nei fusti nobilitati da 18 mm. di spessore ASTRA si concentra sulla perfetta sigillatura delle strutture (su tutte le giunzioni e gli spigoli) tramite colla poliuretana applicata al bordo spessore da un millimetro. In questo modo l'intera struttura non può entrare in contatto con l'umidità, evitando a monte i problemi di rigonfiamento. ASTRA adotta materiali e metodologie produttive che non creano squilibri ambientali, rispettando le normative che limitano l'emissione di sostanze nocive. Per questo i nostri fusti sono in classe E1 (minima emissione di Formaldeide). Le strutture degli elementi costituiti con agglomerati di legno derivano al 100% da legno riciclato. Questo ci consente di avere il marchio "Garantito Pannello Ecologico 100% Legno Riciclato."

Cassetti, estrattori, sistemi di apertura Blum: cassetti ed estrattori hanno capienza di contenimento e sono molto funzionali, essendo particolarmente comodi per prendere gli oggetti. Di serie ASTRA fornisce l'ESTRAZIONE TOTALE TANDEMBOX PLUS di BLUM con BLUMOTION, per poter sfruttare al massimo lo spazio disponibile. La scelta di utilizzare BLUM muove dall'esigenza di avere la massima qualità tedesca, per una sicurezza certificata che dura nel tempo; infatti i cassetti sono dotati, come gli estrattori, di fermo di fine corsa, di richiamo automatico di chiusura e della frenata assistita. I cestoni, oltre a piatti, pentole, detersivi, utensili e alimenti contengono la pattumiera per la raccolta differenziata dei rifiuti.

Piani di lavoro e schienali cucine: sono in prezioso granito Brown Antique spazzolato e water jet (trattamento che li rende particolarmente resistenti). Hanno uno spessore di 3 cm anziché i 2 cm standard per non dare un taglio troppo moderno a delle cucine dal taglio minimale.

www.payanini.com

Elettrodomestici

Frigo + celletta (ad incasso): Electrolux classe A+, FI 251/2T 230 LITRI

Forno: Electrolux, FQ53X CLASSE A

Piano cottura: ad INDUZIONE, Electrolux, KT16430E (1.458 euro + iva per i due piani)

Lavastoviglie (ad incasso): L45, Electrolux, TT4451, CLASSE A **Lavatrice (ad incasso):** L60, Electrolux, LI1270E A++ 7 KG 1200 giri/min

www.electrolux.it

Miscelatore: Blanco Mida cromato **Lavello Sottotop:** Blanco Supra 400-U acciaio 18/10

<http://www.blanco-germany.com/it/it/home.html>

Le cucine dispongono di **barre a led** con trasformatori ed interruttori incorporati.

Arredi zone notte/soggiorni

Letti: di GIESSEGI, modello Venus:

http://www.giessegi.it/it/collezioni/camere-matrimoniali/letti_matrimoniali/venus/

Armadi: di GIESSEGI, modello Star :

<http://www.giessegi.it/it/collezioni/cabine-armadio/>

Divani letto: di Fabbri Salotti, modello Natali :

<http://www.fabbrisalotti.it>

Tavoli/sedie : di La Seggiola :

www.laseggiola.it

Accessori bagni

Sanitari (wc, bidet): LFT SPAZIO 18, con cerniere rallentate:

http://www.simas.it/wp/?page_id=851&lang=it

Cabine docce: ARBLU, modello MARTE, a due ante battenti:

<http://www.arblu.it/ita/boxdoccia/seriemarte/51>

a 1 lato fisso (+1 anta battente), h. 190 cm:

<http://www.arblu.it/ita/boxdoccia/seriemarte/52>

Accessori bagno:

<http://www.industriebonomi.com/index.php?dir=prodotti&file=&area=1&catId=32>

Cassette wc ad incasso: GEBERIT:

http://www.geberit.it/it_it/target_groups/architect/products_architect/toilets/concealed_cisterns_1/concealed_cisterns_2.html

Rubinetteria: GROHE linea Eurosmart Cosmopolitam:

<http://www.grohe.com/it/16613/bagno/gamma-rubinetteria/eurosmart-cosmopolitan/>

I **lavabi** sono in marmo indonesiano.

Illuminazione interni/esterni

Applique della BELFIORE in ceramica caratterizzate dalla purezza delle forme, linea Pure:

<http://www.belfioresrl.it/>

Lampade Outdoor: modello Greg / Indoor: modello Rituals1, di Foscarini:

www.foscarini.com

Porte scorrevoli interne

Porta FERRERO LEGNO collezione EQUA mod. STYLA, trame bianco:

<http://www.ferrerolegnoporte.it/porte/collezioni/equa/630/styla/legno/trame-bianco>

Telai unico per porte scorrevoli: ECLISSE <http://www.eclisse.it/Prodotti/Controtelai/Unico>

Termocamini

PALAZZETTI MULTIFIRE 45 Idro porta tonda:

http://www.palazzetti.it/it/caminetti_e_stufe/focolari/multifire_idro/multifire_45_idro_porta_tonda

Radiatori

K8, modello Wall:

http://www.k8radiatori.it/modello.asp?id_modello=177&img=wall1

Infissi

tutti gli infissi esterni della casa sono stati forniti da una delle più prestigiose fabbriche di Atene, la **Viekko**. Il legno scelto é lo specialissimo "**Meranti**", le maniglie ed i cardini interni sono in acciaio satinato, i cardini esterni in una speciale lega anti ruggine così come per i fermascuri, le zanzariere del miglior tipo esistente, cioè del tipo "plissée". Il costo medio per ogni punto luce delle abitazioni é stato superiore ai mille euro.

<http://www.viekko.gr/en/page/viekko-company>

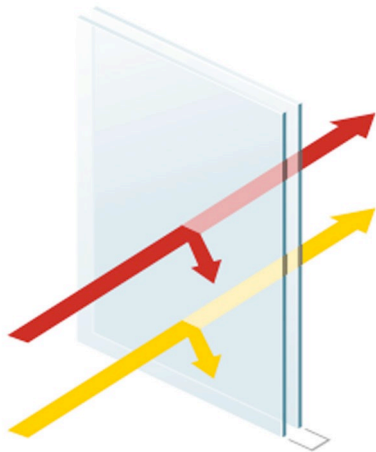
Your composition:

4 mm iplus Energy N on Clearlite pos.2 - 16 mm Argon 90% - 4 mm Planibel Clearlite

Personal notes:

LIGHT	
Transmission	74
Reflection	12

ENERGY	
Solar factor	41
Reflection	38



THERMAL PROPERTIES (EN 673)	EN 673
Ug-Value - W/(m ² .K)	1.0

LIGHT PROPERTIES (EN 410)	EN 410
Light Transmission - τ _v (%)	74
Light Reflection - ρ _v (%)	12
Internal light reflection - ρ _{vi} (%)	14
Colour Rendering - RD65 - Ra (%)	97

ENERGY PROPERTIES	EN 410	ISO 9050
Solar factor - g (%)	41	39
Energy Reflection - ρ _e (%)	38	40
Direct Energy Transmission - τ _e (%)	39	37
Solar abs. Glass 1 - α _e (%)	22	22
Solar abs. Glass 2 - α _e (%)	1	1
Total Energy absorption - α _e (%)	23	23
Shading coefficient - SC	0.47	0.45
UV Transmission - UV (%)	13	
Selectivity	1.8	1.8

OTHER PROPERTIES	
Resistance to fire - EN 13501-2	NPD
Reaction to fire - EN 13501-1	NPD
Bullet Resistance - EN 1063	NPD
Burglar Resistance - EN 356	NPD
Pendulum body impact resistance - EN 12600	NPD / NPD

ACOUSTIC PROPERTIES	
Direct airborne sound insulation(R _w (C;Ctr) - EN 12758) - dB	30 (-1; -4) ⁽¹⁾

THICKNESS AND WEIGHT	
Nominal thickness (mm)	24
Weight (kg/m ²)	20

The data are calculated using spectral measurements that are conform to standards EN 410, ISO 9050 (1990) and WIS/WINDAT. The Ug-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898.

This document is no evaluation of the risk of glass breakage due to thermal stress. For tempered glass: the risk of spontaneous breakage due to Nickel-Sulfide is not covered by AGC Glass Europe. The Heat Soak Test is available on request.

Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. AGC Glass Europe can not be held responsible for any deviation between the data introduced and the conditions on site. This document is only informative, in no way it implies an acceptance of the order by AGC Glass Europe.

While the AGC GlassConfigurator allows for accurate measurement of the above performances, the AGC GlassConfigurator does not create any supplementary liability on the part of AGC with regard to the AGC products delivered to customers. AGC's liability remains limited to the AGC products manufactured and delivered by AGC only.

The user of the AGC GlassConfigurator undertakes to provide clear and comprehensive information and to refrain from any misleading commercial practice which would be likely to deceive the customers as to the manufacturer of the products it purchases.

The user of the AGC GlassConfigurator undertakes to indemnify and hold harmless AGC from and against any and all claims, costs and damages arising out of, or relating to improper / misleading use of the AGC GlassConfigurator.

See also conditions of use.

⁽¹⁾These sound reduction indexes correspond to glazings which are 1,23 by 1,48m according to EN ISO 10140-3 and are tested in laboratory conditions. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is not better than +/- 1dB.

⁽²⁾These sound reduction indexes are estimated (no test). They correspond to glazings which are 1,23m. by 1,48 m. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc. The accuracy of the given indexes is +/- 2dB.