



PANEL

High Gloss | Soft Touch | Power Gloss | Anti-Scratch Acrylic



“An all purpose solution for unique designs”

AGT panel, produced with AGT's own MDF, presents unique design alternatives with not only stock decors but also ordered decors. It can be used as furniture bodies, profile tops in frames, wall panels, drawer base, furniture backrest and many forms.

AGT panel is emerged us with its four different surface alternatives;

High Gloss, Soft Touch, Power Gloss and Acrylic.

All of them are designed for different needs.

 **AGT**

Panel

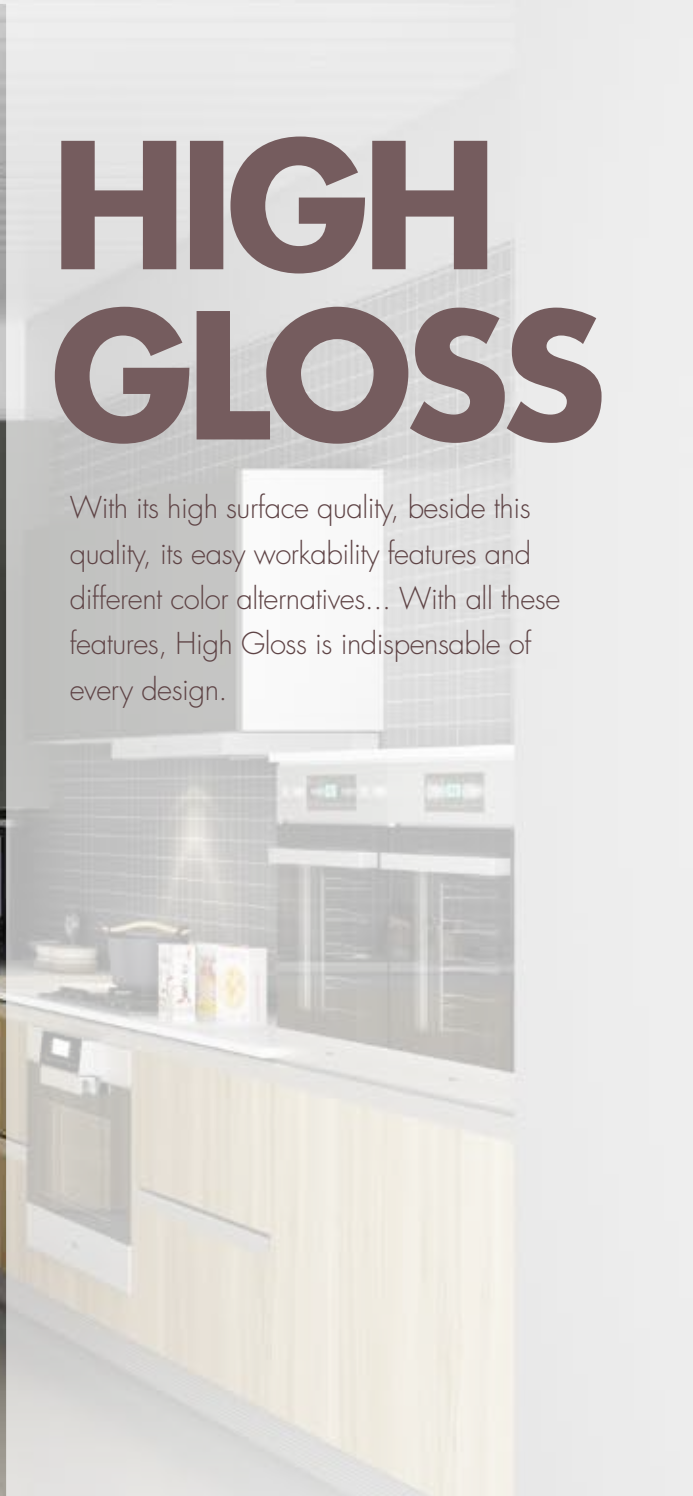
AGT

Panel



HIGH GLOSS

With its high surface quality, beside this quality, its easy workability features and different color alternatives... With all these features, High Gloss is indispensable of every design.



TECHNICAL SPECIFICATIONS

Physical and Mechanical Tests

FEATURES	UNIT	VALUE	TEST METHOD
Density	kg/m ³	7.7-12-16-18 mm: 750 ± 7% 22-25-30 mm: 720 ± 7%	EN 323
Thickness Tolerance	mm	7.7-12-16-18 mm: ± 0,20 mm 22-25-30 mm: ± 0,30 mm	EN 324-1 EN 622-1
Aspect Tolerance	mm/m	± 2 mm/m, maksimum ± 5 mm	EN 324-1 EN 622-1
Squareness Tolerance	mm/m	2 mm/m	EN 324-2 EN 622-1
Side Smoothness Tolerance	mm/m	1.5 mm/m	EN 324-2 EN 622-1
Inflation in Thickness 24 Hours	%	7.7 mm ≤ 17% 12 mm ≤ 15% 16-18 mm ≤ 12% 22-25-30 mm ≤ 10 %	EN 317 EN 622-5
Inflection Resistance	N/mm ²	7.7 mm ≥ 23 N/mm ² 12 mm ≥ 22 N/mm ² 16-18 mm ≥ 20 N/mm ² 22-25-30 mm ≥ 18 N/mm ²	EN 310 EN 622-5
Inner Adhesion	N/mm ²	7.7 mm ≥ 0,65 N/mm ² 12 mm ≥ 0,60 N/mm ² 16-18-22-25-30 mm ≥ 0,55 N/mm ²	EN 319 EN 622-5
Formaldehyde Content	mg/100g	≤ 8 mg/100g	EN 120 EN 622-1
Humid Content	%	4 ÷ 11%	EN 322 EN 622-1

PRODUCTION DECORS

PAN122

MDF

122cmx280cm Panel

Width: 1220 mm

Length: 2800 mm

Thickness: 8 - 16 - 18 mm

Second Group



374 White - Grey Country



378 Matt Light Linen



379 Matt Dark Linen



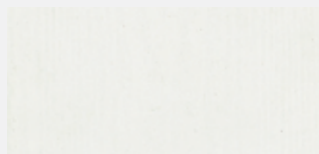
380 Matt Brown Leather



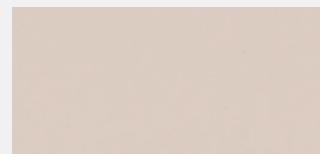
381 Matt Cream Leather



600 HG Red



601 HG White



605 HG Cream



606 HG Black



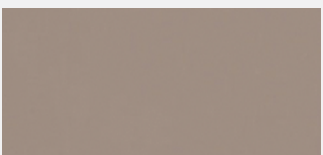
615 HG Bordeaux



620 HG Brown



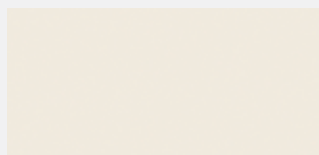
622 HG Damson



623 HG Vison



645 Olive Green



647 HG Bianco



878 HG New Vison

 **AGT**

Panel

PRODUCTION DECORS

PAN122

MDF

122cmx280cm Panel

Width: 1220 mm

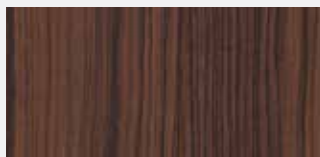
Length: 2800 mm

Thickness: 8 - 16 - 18 mm

Third Group



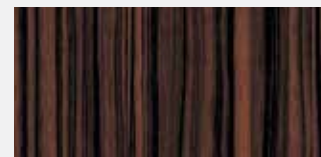
300 HG Inox



602 HG European Teak



603 HG Metallic Elm



604 HG Ebony



617 HG Oregon Walnut



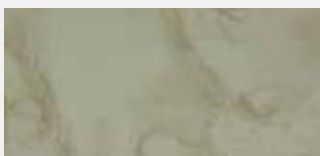
627 HG Milano Walnut



633 HG Imperia



651 HG Emperor Brown



652 HG Emperor Beige



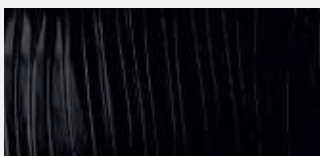
653 HG Terra Brown



654 HG German Oak



664 HG Wavy White



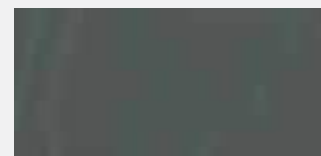
665 HG Wavy Black



667 HG Freze White Milling Maple



674 HG Terra Latte



683 HG Line Grey



368 Matt Desert Cream

PRODUCTION DECORS

PAN122

MDF

122cmx280cm Panel

Width: 1220 mm

Length: 2800 mm

Thickness: 8 - 16 - 18 mm

Fourth Group



608 HG Metallic Anthracite



609 HG White Oak



671 HG Granite Grey



635 HG White Chrysanthemum



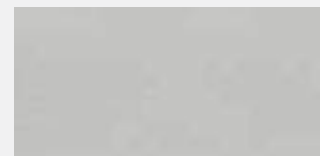
650 HG Cream Tulip



670 HG Galaxy White



640 HG Galaxy Honey Mist



641 HG Crocodile



644 HG White Ivy



646 HG Coffee Nature



648 HG Gold Ivy



628 HG Flower White



629 HG Flower Black



657 HG Moon Dust White



658 HG Moon Dust Black

AGT

Panel

PRODUCTION DECORS

Fourth Group



668 HG White Crescent



669 HG Black Crescent



636 HG White Veneer



637 HG Black Veneer



621 HG Rain White



630 HG Rain Red



624 HG Rain Black



672 HG Star White



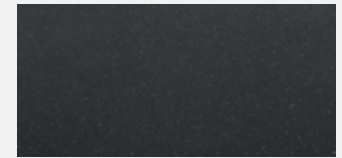
673 HG Star Black



675 HG Line Pearl



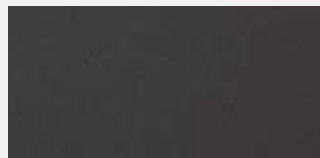
676 HG Line Dark Rose



677 HG Galaxy Black



678 HG Galaxy Cream



679 HG Galaxy Dore



680 HG Terra Star



681 HG Cream Star



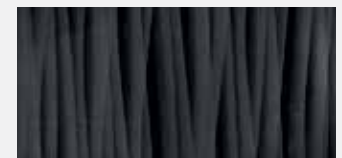
682 HG Rose Star



662 HG Sahara White



663 HG Sahara Violet



661 HG Sahara Black

PRODUCTION DECORS

Fourth Group



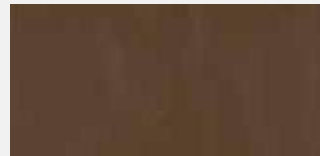
685 HG Light Linen



686 HG Dark Linen



687 HG Metallic Gold



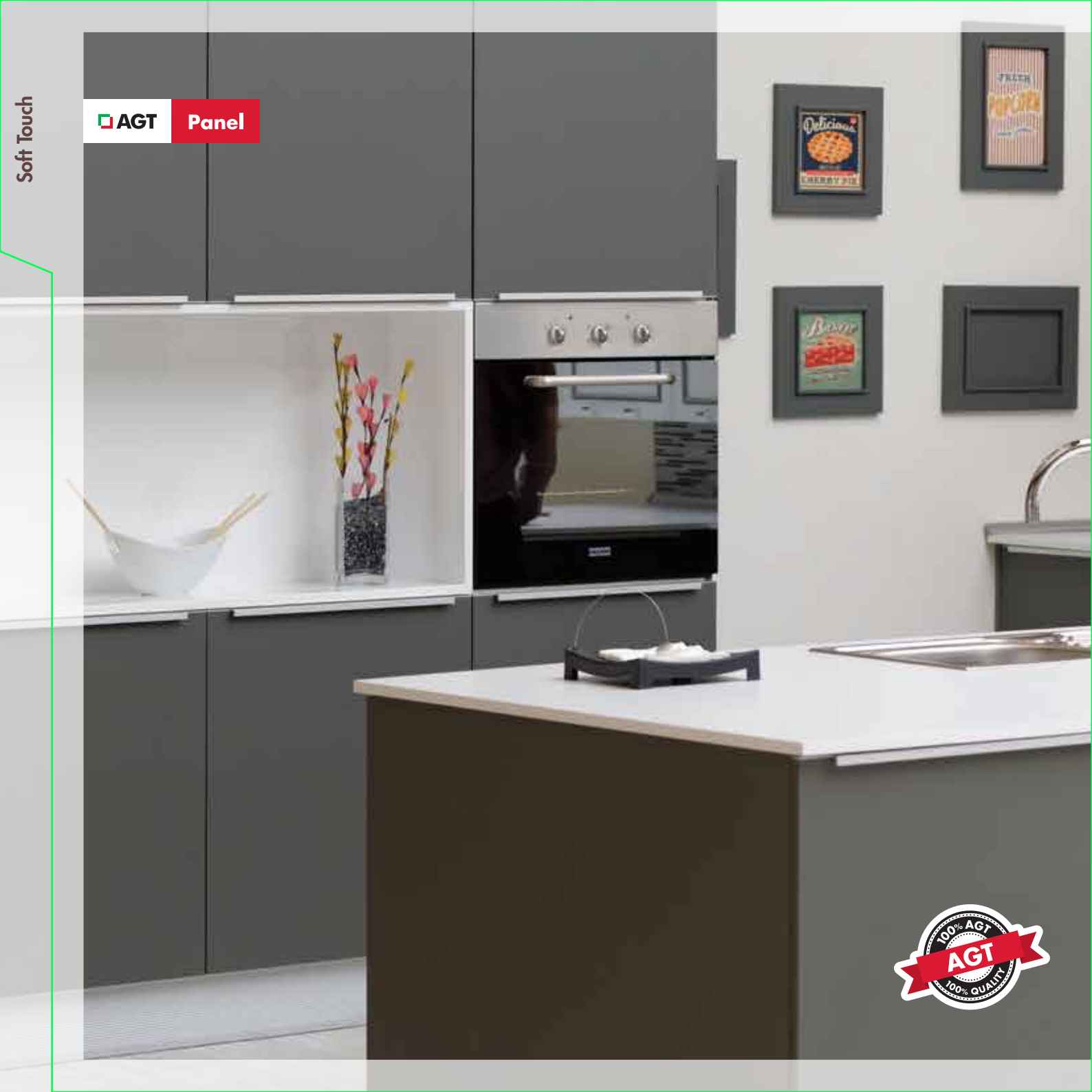
688 HG Metallic Brown



689 HG Metallic Blue

Soft Touch

 **Panel**





Soft Touch

SOFT TOUCH

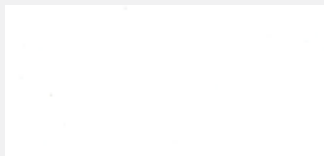
By the time you meet with Soft Touch's colors and velvet touch, you will explore the glamorous simplicity of design and ideal design that you were looking for.

TECHNICAL SPECIFICATIONS

Physical and Mechanical Tests

FEATURES	UNIT	VALUE	TEST METHOD
Density	kg/m ³	7.7-12-16-18 mm: 750 ± 7% 22-25-30 mm: 720 ± 7%	EN 323
Thickness Tolerance	mm	7.7-12-16-18 mm: ± 0,20 mm 22-25-30 mm: ± 0,30 mm	EN 324-1 EN 622-1
Aspect Tolerance	mm/m	± 2 mm/m, maksimum ± 5 mm	EN 324-1 EN 622-1
Squareness Tolerance	mm/m	2 mm/m	EN 324-2 EN 622-1
Side Smoothness Tolerance	mm/m	1.5 mm/m	EN 324-2 EN 622-1
Inflation in Thickness 24 Hours	%	7.7 mm ≤ 17% 12 mm ≤ 15% 16-18 mm ≤ 12% 22-25-30 mm ≤ 10 %	EN 317 EN 622-5
Inflection Resistance	N/mm ²	7.7 mm ≥ 23 N/mm ² 12 mm ≥ 22 N/mm ² 16-18 mm ≥ 20 N/mm ² 22-25-30 mm ≥ 18 N/mm ²	EN 310 EN 622-5
Inner Adhesion	N/mm ²	7.7 mm ≥ 0,65 N/mm ² 12 mm ≥ 0,60 N/mm ² 16-18-22-25-30 mm ≥ 0,55 N/mm ²	EN 319 EN 622-5
Formaldehyde Content	mg/100g	≤ 8 mg/100g	EN 120 EN 622-1
Humid Content	%	4 ÷ 11%	EN 322 EN 622-1

PRODUCTION DECORS



717 Lacquer White



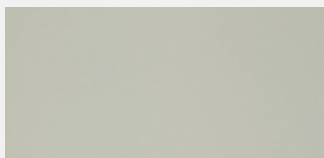
726 Soft Touch Storm Grey



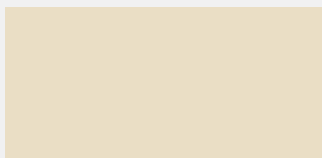
727 Soft Touch Beige Sand



728 Soft Touch Stone Grey



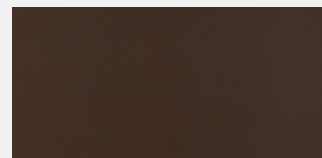
729 Soft Touch New Grey



730 Soft Touch Cream



732 Soft Touch Vison



733 Soft Touch Mocca

AGT

Power Gloss

Power Gloss





POWER GLOSS

Here is a bright idea, that will inspire you! Power Gloss, which is manufactured by applying superior laser technology and UV Lac on MDF-Lam, is a mechanically and chemically highly resistant product that owns charming, glossy decors.

TECHNICAL SPECIFICATIONS

Physical and Mechanical Tests

FEATURES	STANDARD	RESULT
Stain Resistance (Coffee, alcohol, acetone)	EN 438-2	5 (No visible change)
Scratch Resistance	EN 438-2	4N
Abrasion Resistance	EN 438-2	250 cycles
Top Surface Gloss	DIN 67 530 (60° glossmaster)	>90 GLE
Cross Cut	EN ISO 2409:2007	No visible change
Surface Soundness	EN 311	1,3 N/mm ²
Dry Heat Resistance	EN 438-2	5 (No visible change)
Water Vapour Resistance	EN 438-2	5 (No visible change)
Cracking Resistance	EN 438-2	5 (No visible change)
Bending Strength	EN 310	33 N/mm ²
Modules of Elasticity Bending	EN 310	2870 N/mm ²
Tensile Strength Vertical to Surface	EN 319	0,77 N/mm ²
Resistance to Axial Withdrawal of Screws (Edge)	EN 320	1136 N/mm ²
Measures Tolerance		±0,5mm
Bending Tolerance		2mm / 1m
Plain Colour Tolerance	CIElabCH D65/10°	ΔE ≤ 0,70
Colour Fastness, Resistance to Weathering for Furniture Indoor Application	EN ISO 4892-2 200 hour	DE < 1,7

Board - Raw Material Features

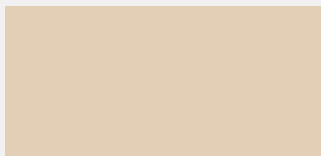
Board Type	MDF (<i>Medium Density Fiber Board</i>)
Board Thickness	18mm
Board Density	730 kg/m ³
Board Size	1220mm x 2800mm
Board Front Side	AGT Power Gloss surface is 100% UV acrylic resin based decorative lacquer which is cured by UV (ultra violet) rays in a series of closed chambers. UV coating is a type of polished coating applied to MDF panel surface with melamine impregnated layer.
Board Back Side	MDF panel surface with melamine impregnated layer.

Storage and Terms of Use

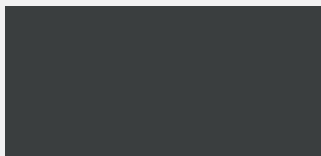
Storage temperature is between 10 °C ~ 30 °C. Do not expose to direct sunlight and other sources of heat for long time.
Clean with a soft cloth, using water with mild soap. Do not use any cleaners containing alcohol, solvents, thinner or abrasives.

PRODUCTION DECORS

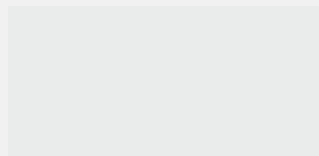
First Group



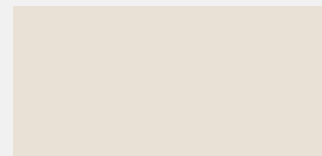
1003 Cream



1005 Black



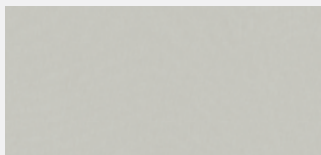
1006 Elite White



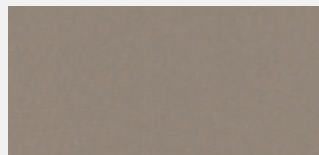
1008 Bianco



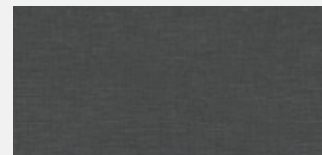
1009 New Vison



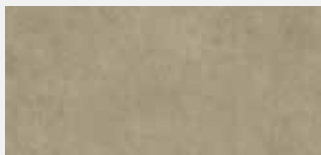
1022 Light Tessuto



1023 Dark Tessuto



1025 Venus



1036 Esse



1037 Volcano

PRODUCTION DECORS

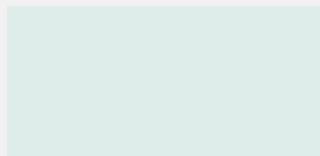
Second Group



1002 Cappuccino



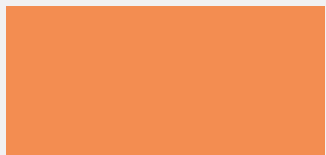
1004 New Anthracite



1007 Crystal White



1010 Damson



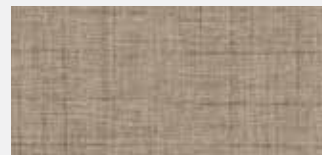
1011 Orange



1012 Pistachio Green



1020 Ivory Linen



1021 Coffee Linen



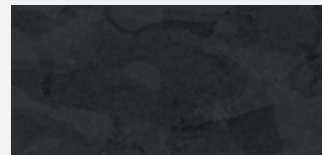
1024 Kayra



1031 Wicker



1032 Matrix



1033 Nepal



1034 Lotus

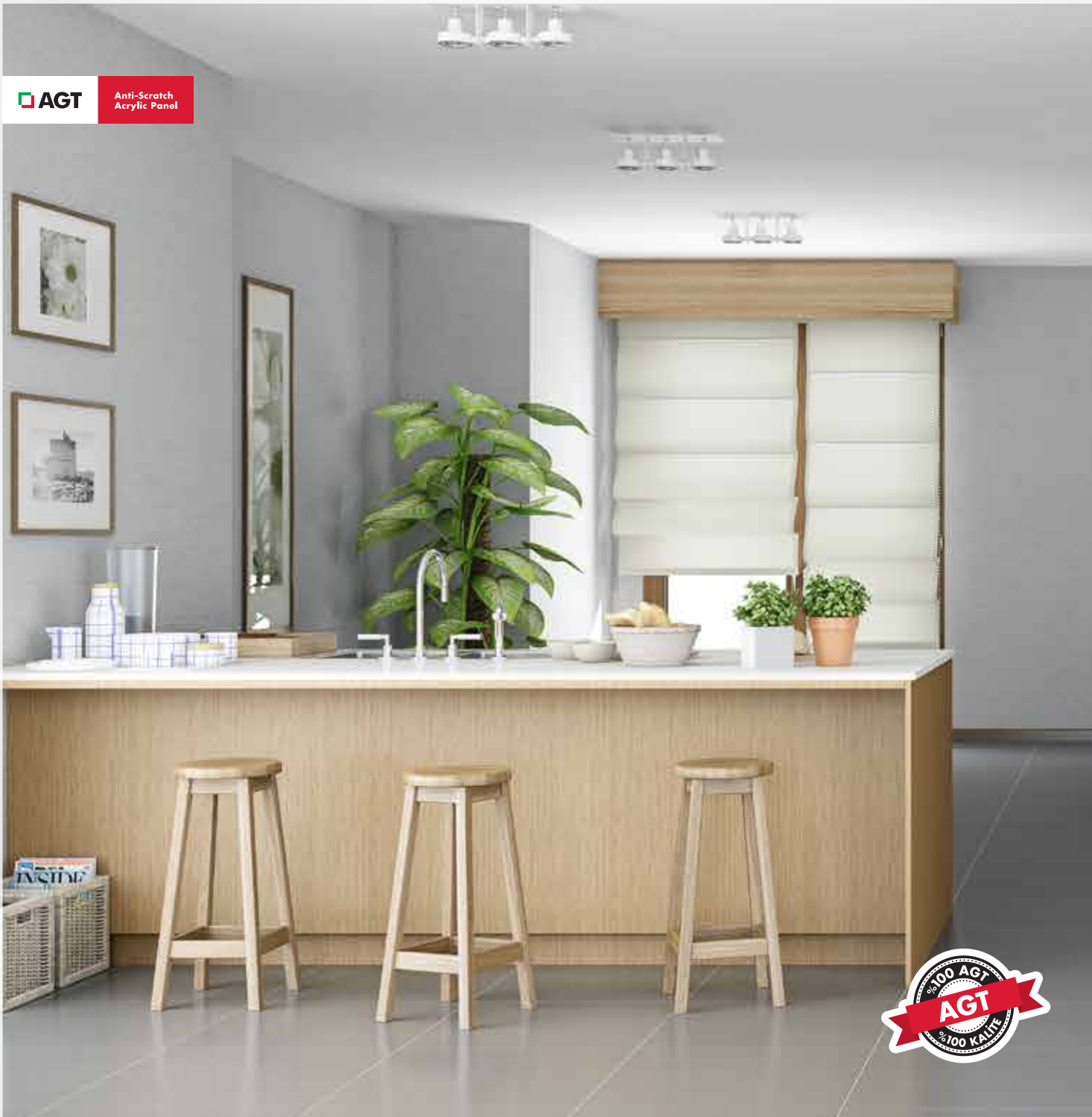


1035 Checkers

AGT

Anti-Scratch
Acrylic Panel

Anti-Scratch Acrylic



ANTI- SCRATCH ACRYLIC

Durability is in its core. AGT Acrylic panel, with its upper surface tickness, homogeneous and monoblock structure, wears well, do not compromise from its smoothness.

TECHNICAL SPECIFICATIONS

Physical and Mechanical Tests

FEATURES	TEST METHOD	UNIT	VALUE
Thickness		mm	Beige, White = 0,7mm / Red, Damson, Bordeaux, Black, Grey =0,8mm / Metallic Grey: 1mm
Resistance to Dry Heat	DIN 68861/T7	°C	75
Resistance to Wet Heat	DIN 68861/T8	°C	70
Top Surface Gloss	DIN 67 530 (60° glossmaster)		>85 GLE
Color Fastness Resistance (UV Resistance) <small>(For interior space applications)</small>	EN ISO 4892-2 200 Hour Xenon, Color Change		DE<1,7
Scratch Resistance	EN 438-2	4 N	

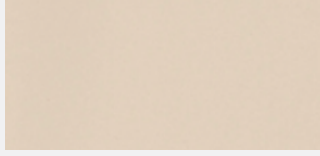
Chemical Resistance DIN 68861

TEST MATERIAL	WAITING TIME	EVALUATION
Acidic Acid	1 hour	5
Sodium Carbonate	2 minutes	5
Liquid Ammonia	2 minutes	5
Cola Drinks	16 hours	5
Coffee Powder	16 hours	5
Condensed Milk	16 hours	5
Water	16 hours	5
Acetone	10 seconds	2
Olive Oil	16 hours	5
Salt	6 hours	5
Cleaning Supplies	1 hour	5

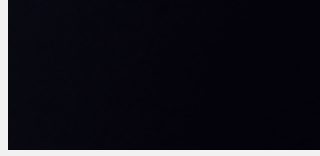
ÜRETİM RENKLERİ / PRODUCTION DECORS



8015 White



8016 Cream



8018 Black



8017 Vison



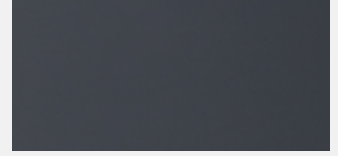
8031 Yellow



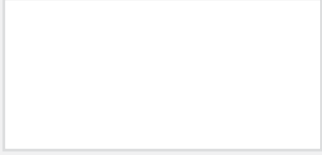
8019 Red



8020 Damson



8021 Anthracite



8022 Carbon Glass

**Front and back surfaces are produced with same colors.*

Foil Thickness: 2mm | Scratch Resistance: 2N

 **AGT**

Anti-Scratch
Acrylic Panel

Head Office

Organized Industrial Zone
3. Part 35. Street, 07190
Dosemealti, Antalya
Phone +90 242 249 17 17
agt@agt.com.tr

Istanbul Office

Alemdag Street, No: 36
Camlica, Istanbul
istanbul@agt.com.tr

agt.com.tr

     /agtthinkwithus