



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
f t p i y /agtthinkwithus

444 8 248

AGT

POWER GLOSS

AGT

A bright idea...

For centuries artists have created their work with the inspiration they drew from bright ideas. Now we, too, have an idea to inspire you in your designs:

AGT Power Gloss.

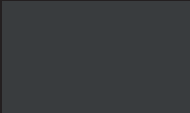
AGT Power Gloss, is manufactured by applying superior laser technology and UV Lac on MDF-Lam. The result is a mechanically and chemically highly resistant product with mesmerizing colors. Power Gloss, which is used in bodies of furniture, kitchen cabinets, bathroom doors, surfaces and bodies of all furniture in study rooms, is user friendly with its easy processing feature.

COLORS

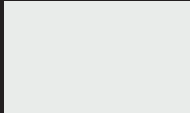
1. Group



1003 Cream



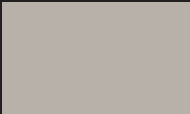
1005 Black



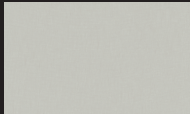
1006 Elite White



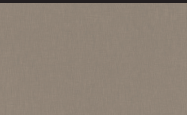
1008 Bianco



1009 New Vison



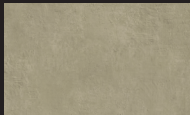
1022 Light Tessuto



1023 Dark Tessuto



1025 Venus

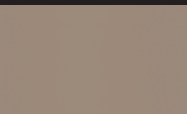


1036 Esse



1037 Volcano

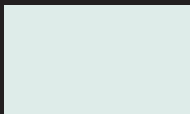
2. Group



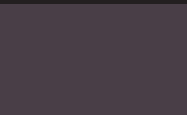
1002 Cappuccino



1004 New Anthracite



1007 Crystal White



1010 Damson



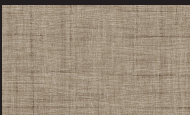
1011 Orange



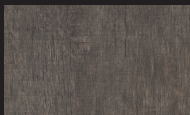
1012 Pistachio Green



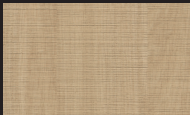
1020 Ivory Linen



1021 Coffee Linen



1024 Karya



1031 Wicker



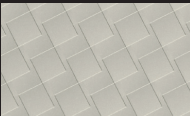
1032 Matrix



1033 Nepal



1034 Lotus



1035 Checkers

PRODUCTION, ASSEMBLY AND
MAINTENANCE INSTRUCTIONS

1. It is recommended that the Power Gloss panel is cut with the protective film covered glossy surface facing the ground by means of the circular or panel sizing plotter.

2. The use of a 96 buttress gear circular saw is recommended for sizing. Also it is important for the saw to be recently sharpened for smooth cutting.

3. It is recommended that the portion with a plotter mark is smoothed with the PVC router in the PVC machine on the sized products so that gaps do not form on the PVC band.*

4. Caution necessary to 1.5 m/min for suitable cutting speed.

5. For better results a ‘jumping’ saw with plotter should be used for cutting panels.

6. Products that are cut with a 45 degree angle should be made into a cover without waiting too long.

7. When cutting make sure that the circular saw height is high enough to prevent lurching.

8. In order not to damage the surface, the products should be prevented from rubbing against each other during production.

9. The protective film on the Power Gloss products should be removed when assembly is completed and be wiped with a moist towel or wood cleaner after letting stand for 2 hours once the film is removed.

10. The ambient temperature should be 25 degrees in order for the Power Gloss products to be cut smoothly.

11. When taking the panels into processing the stacks should be lined up carefully to avoid crushing, depressions and breakage in the edges and corners. In order to prevent buckling the panels should not be left leaning on anything with an angle.

12. Products that are covered with the protective film reduce any damages that may occur during production to a minimum and maintains the gloss of the panel until the product is completed. It must not be removed during the production process.

13. When moving the products in your warehouse be careful to lift them without letting them rub against each other.

14. When the product is stored in horizontal stacks in your warehouse they should be at equal intervals on wedges to prevent turning and when they are stacked on top of each other the wedges should be aligned.

15. Storing a large amount of the product in vertical position should be avoided and supports should always be used in vertical storage.

16. Warehouse conditions should be 50% moisture, no excessive air circulation and as clear of dust and small objects as possible.

17. When you have several consecutive jobs the color tones should be checked.

18. The products must not be exposed to direct sunlight.

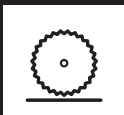
19. The products should not be used outdoors, in a yard and areas that are washed with water and exposed to direct steam.

20. A moist cotton cloth or cotton cloth with soap or glossy surface cleaners without alcohol should be used to clean the product.

21. Never use surface cleaners with alcohol or abrasive cleaners, otherwise you will cause the surface to become matt and scratched. Being exposed to excessive thinner and acid content substances for the purpose of cleaning will cause deformities on the surface.

** During cutting process, corner cracking effect should be controled. When cracking effect exceeds your tolerance that means saw has been rusted. Please continue with sharpened saw.*

POWER GLOSS ADVANTAGES



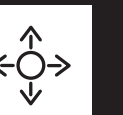
Resistant to abrasion



resistant to stains



highly scratch resistant



Dimensional stability



TECHNICAL PROPERTIES

Board-Raw Material Features

| | |
|------------------|--|
| Board Type | MDF |
| Board Thickness | 18mm |
| Board Density | 730 kg/m³ |
| 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. Lam kaplı / 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 between10 °C ~ 30 °C. Do not expose to direct sunlight and others 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.

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 |
| Bow tolerance | | 2mm / 1m |
| Solid color tolerance | CIELabCH D65/10 ₂ | ΔE ≤ 0,70 |
| Color fastness, resistance to weathering for furniture indoor application | EN ISO 4892-2 200 hour | DE<1,7 |