

COMPACT LAMINATE

CUBICLE TECHNICAL SPECIFICATION-ORION

- Gentaş brand 12 mm Cubicle Compact Laminate Panels, water, scratch, and break resistant, bacteria-free, fire-retardant, double-sided decorative laminate; It will be produced using Gentaş brand Compact Laminate Sheets. The compact laminate panels will be 182 cm tall. Pressing phenol-based resin-impregnated Kraft papers with melalin-based resin-impregnated decorative paper on both sides at 150 degrees under 150 kg/cm² pressure will provide compact laminate.
- All compact laminate plates used shall be accompanied by a Certificate of Conformity to the TS EN 438-6 Standard.
- The accessories which are used will be CE certified.
- As a covering, a cubicle system will be constructed. To increase the sharpness of the doors and other panels, a radius will be applied to their edges. A PVC stop with a diameter of 15 mm and a length of 10 mm will be inserted to prevent the compact laminate panels from clashing with each other in the areas where the doors are closed, and the door will close on them to isolate the sound.
- To connect the compact laminate panels to the wall and other panels, glossy anodized aluminum "**U Profile**" will be utilized. The U profile's exterior dimensions will be 22 x 15 mm, with a wall thickness of 1.5 mm. It will be used to link U profile-Wall and U profile-Divider Panels. The U Profile will be attached to the wall with 4 x 50 mm dowels appropriate for the portion and kind of wall, and to compact laminate panels using 4.2 x 11 mm thick threaded, 304 grade stainless steel screws.
- In the cubicle system turns, a 30 mm x 30 mm glossy anodized aluminum "**Corner Profile**" with an R15 radius rounded corner will be utilized to hide the edges of the compact laminate panels. Compact laminate panels will grab the corner profile on all sides and be attached using 304 grade stainless steel screws with a coarse thread measuring 4,2 x 11 mm.
- Glossy anodized metal "**Top Profiles**" will be installed on the cabinet system's top, front, and side edges. A curved profile with dimensions of 50 mm x 45 mm and a wall thickness of 1.2 mm will be utilized as the header profile. The header profile will be screwed to compact laminate panels from the top with 3.9 x 25 screws.
- **Leg Product Code :SO01P012; Sander Brand** Aluminum glossy anodized 38 mm diameter, oval upper portion 100 mm-150 mm length. It features a 52 mm diameter screwed plastic base with a height adjustment range of 10 to 15 cm. When fitted, it will have a +-20 mm movement to modify the floor's squareness. The material will be held in place by two head screws in the small laminate panel. The foot sole will be secured to the ground by a single point connection of PA6 shoes with 5*40 yhb screws.
- **Lock Product Code:SO05P012; Sander Brand** Glossy Anodized aluminum profile will be used for the sliding mechanism, body, and arm. The exterior lid will include an on/off switch. There will be a handle on the inside, and it may be opened from the outside with any pointed substance. The bolt mechanism will be used for locking, and safety will be given so that the lock arm does not close on its own. It will be put on the door for inner and outward opening doors.



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- The response equipment in tongue-groove systems will be changed to achieve zero closure.
- **Hinge Product Code :SO03P012; Sander Brand** the coating system and metal pieces will be composed of glossy anodized aluminum. A single screw will be used against the door in such a manner that the compact laminate material and panel connectors overlap by 25mm on both sides. The screws will be visible on the hinge and will be used to wrap the compact laminate material on both sides. With the door 10 mm away from the panels, the interior of the cubicle will be obscured by the 25mm that the door will press. Except for technical service employees, there will be a safety screw to prevent anybody from lifting and removing the door. The door may be adjusted to the required degree using its own adjustment mechanism. The hinges will be adjusted based on the center of gravity, and the door will automatically close.
- **Grip Product Code :SO09P012; Sander Brand** It is composed of aluminum glossy anodized material and has a 27 mm diameter and 32 mm length M6x35 stainless grub screw connection. It will be used on both sides to open the door.
- **Hanger Product Code :SO08P012; Sander Brand** It will be made of glossy anodized aluminum single hook material with a rubber stop at the end to function as a stop and lessen the blows. The hangers will be held together by YHB 4.2 x 11 mm thick threaded 304 stainless screws..
- In the system whose middle panel width is less than 30 cm, 1 foot will be placed on the partition panel, and 2 feet will be placed on the middle panel for widths above 30 cm.
- 1 foot will be placed on the wall panel for width above 15 cm.
- Two hinges will be linked to the door panels in door gaps of up to 65–70 cm. Over 70 centimeter door panels will have three hinges installed..
- The height of the feet will be 10 cm if the cubicle system is utilized with Turkish style toilet stones. The feet will be 15 cm if a European (toilet) is utilized.
- Compact laminate panel edges and exposed components will be milled with a 45° edged milling cutter, and the CNC machine will provide smoothness and black color.
- The cabinet system's compact laminate panel heights will be 182 cm.
- All screws used in cubicle system will be 304 stainless steel.
- Producing will be guaranteed for 5 years.

