

# DURAT

## DURAT COUNTERTOP SPECIFYING INSTRUCTIONS

### Structure of a Durat countertop

Durat countertops are fabricated with woodworking tools, using 12 mm thick Durat sheets (size 2900 x 800 mm). The sheets can be glued together seamlessly. The countertop properties (e.g. length, width, edges, corners, etc.) can therefore be designed freely for each application.

An 18 mm thick support panel (plywood, MDF) is affixed to the underside of the countertop with silicone, making the total thickness to 30 mm. If the total thickness needs to be changed, a thinner 12 mm support panel can be used or the support panel can be lathed to the required thickness (e.g. 38 mm). Durat countertops can also be delivered without support panels.

### Edges and countertop backsplashes

The standard rounding of edges is  $r = 2$  mm. Exposed edges are fitted with trim mouldings to conceal the support panel affixed underneath the countertop. Edge and backsplash measurements and properties can be specified quite freely.

Durat countertop backsplashes can be rounded, but this requires that the back wall is absolutely straight. Otherwise, the backsplash is fastened with a butt joint using silicone.

### Curved edges

Curved edges can be made either by bending Durat or cutting and gluing a straight Durat sheet. A special method allows curves with short radii to be made even for large surfaces.

### Durat sinks

Durat sinks are available in round, oval or rectangular shapes. Each sink is seamlessly fixed to the underside of the countertop sheet. The sink comes with a drain, overflow and a drain trap. There are more than 20 sink models, ranging from very

small to 1,790 mm in length.

For kitchen sinks, we recommend models Block IV (size: 500 x 350 x 158 (+12)) or Block XIV (size: 400 x 350 x 188 (+12)). As these are deeper than other sinks, these are the most suitable models for washing dishes.

All kinds of tap models, bottom valves and overflow covers can be combined with Durat sinks and countertops.

When a countertop is being fitted with a sink fixture other than a Durat undermount sink, it is always advisable to have the furniture manufacturer mount the sink to the sink countertop before transporting it to the installation site.

### Colours and textures for sinks and countertops

Kitchen sinks made in the lightest colours require special care. Whenever something hot that stains easily, such as coffee or tea, is poured into a light-coloured sink, it is advisable to run water from the tap at the same time so that it will not result in an ingrained stain.

We always add some speckles of colour to the darkest colours, as even minor scratches or any stains are more visible on plain dark surfaces than textured one. The speckled texture makes the colour more user-friendly.

Even small wear and scratches are easily visible in darker colours. We do not advise to use them on surfaces subject to heavy mechanical wear.

Textures with large speckles of colour (e.g. the Palace collection) do not recur exactly the same in vanity units. Large speckles are less visible on sinks than on countertops. As a result, it will match in tone and colour, but will not have a perfectly uniform appearance with the speckle pattern.

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### Overhangs must be supported well

If the countertop extends well past the furniture below, the support panel affixed underneath the countertop must give it sufficient support. A glulam panel is usually used as a support panel.

The overhang of countertops that are 12–18 mm thick and made without support panels must not exceed 100 mm.

### Measurements

Guidelines for minimum measures:

1. Minimum distance 50 mm between sink and front edge.
2. Minimum distance 110 mm between sink and back edge when tap and overflow hole are on the same level.
3. Minimum distance 80 mm between sink and back edge when tap is between sink and back edge, but overflow hole is on the side.
4. Minimum distance 50 mm between sink and back edge with overflow hole.
5. Minimum distance 50 mm between two Durat sinks on the same level.
6. Minimum distance 60 mm between sink and front edge when countertop is placed on top of cabinet.
7. Minimum distance 30 mm between sink and back edge when sink is mounted to the countertop without overflow hole or tap.

Using lesser measures must be considered according to demands of the tap model and the cabinet.

### Kitchen countertop hole reinforcement

The instructions provided by several kitchen

countertop manufacturers recommend reinforcing the holes of flush-mounted kitchen countertops by edging them with double-thickness material. In such cases, the thickness of the countertop will be at least 24 mm. This has to be taken into account in the furniture design as well as the cabinet and dishwasher placement.

When flush mounting, it should be noted that, according to kitchen countertop assembly instructions, a gap of a few millimetres must be left between the top and the stove. This will be filled with silicone or left empty, which may make cleaning difficult.

### Fitting Durat countertop supports or brackets

Durat can supply supports or brackets for wall-mounted Durat countertops. Ordinary Durat countertops must be supported at intervals of approximately 600 mm. For detailed advice on how to support countertops, please contact Durat.

### Site visit for measurements and installation

If necessary, before manufacturing the countertops we will check the measurements on-site after the furniture under the countertops has been assembled. We also provide a countertop installation service. Usually, the wait time between the site visit and installation is approximately one week.

The schedule, from order placement to installation, ranges between 4 and 6 weeks depending on the work situation.