CORIAN®
DESIGN

CORIAN® AUTOMATED
3D FABRICATION SOLUTION

(#CorianShapingTheFuture)

A sustainable, fully automated, innovative technology – up to 10x faster vs standard technologies – responding to changes in the building industry and supporting digital methods for optimisation and computation of data in the design process.

A new option to create, saving time and reducing resources and environmental impact - for exterior and interior cladding solutions with complex geometries and structures, curves and irregular shapes (photos: exterior cladding project for Materfut® building, Portugal).

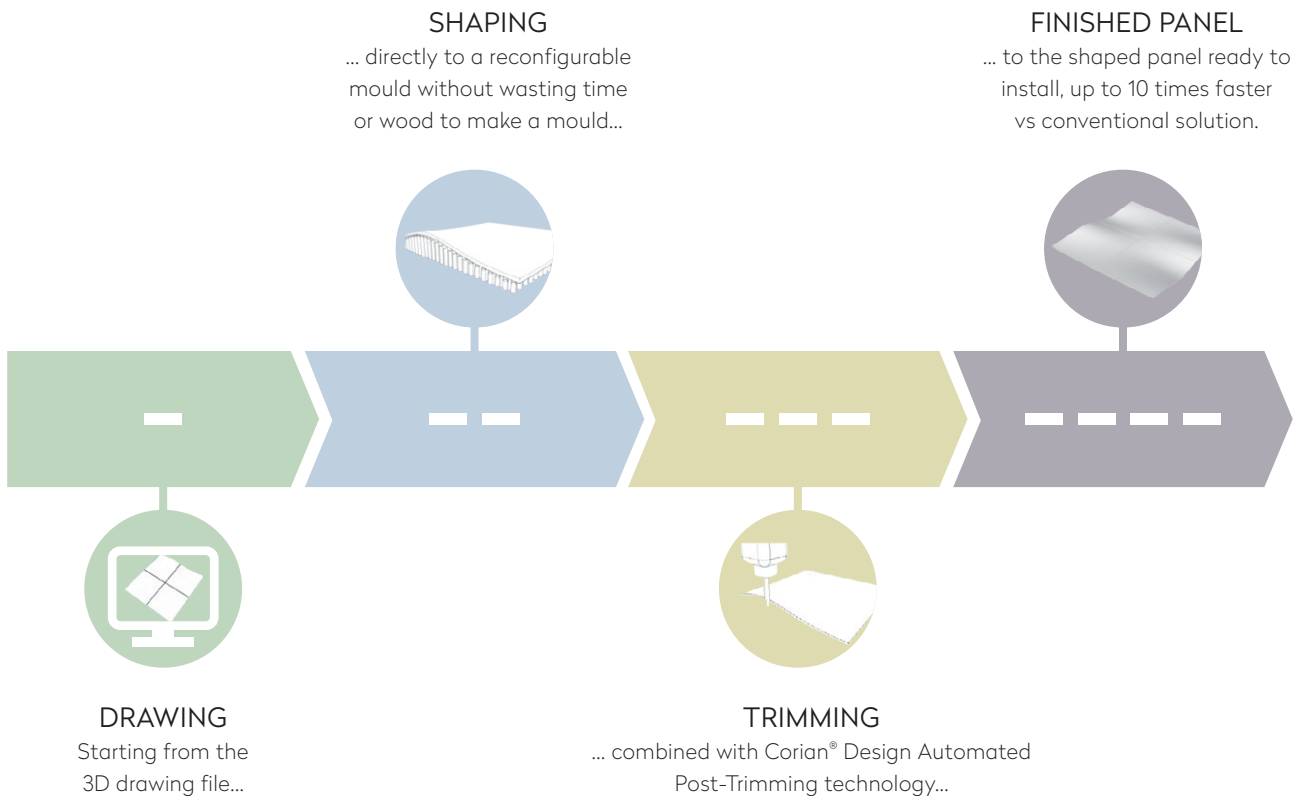### BENEFITS PROVIDED BY CORIAN® SOLID SURFACE
COMBINED WITH THIS TECHNOLOGY

DIGITAL	SUSTAINABLE	RAPID	COST-COMPETITIVE	EFFICIENT
Digital fabrication – perfectly aligned with parametric design methods and process – only one step from 3D drawing to shaped panel.	No need to make moulds, thus saving >100kg/m² wood.	Up to 10x faster production of 3D panels vs. standard fabrication technology.	Affordable implementation of projects with 3D shapes – up to 40% lower cost of 3D panels; lower cost of installation due to capability to work with large panels.	No need to simplify forms and geometries to repetitive shapes due to high cost and complexity of standard fabrication process.

Corian® Automated 3D Fabrication Solution vs Conventional Solution.

CONVENTIONAL SOLUTION	VS	CORIAN® AUTOMATED 3D FABRICATION SOLUTION
64	PANELS	10
64	MOULDS	ZERO
› 4000	KG WOOD WASTE	ZERO
8 WEEKS	LEAD TIME	2 DAYS
103	NUMBER OF OPEN JOINTS	10
LESS	MONOLITHIC LOOK	MORE
HIGHER	INSTALLATION TIME (LESS PANELS)	LOWER
COMPLEX	SUB-STRUCTURE	SIMPLIFIED

Benchmark based on the exterior cladding project for Materfut® building, Portugal.

A faster route from the drawing file to the 3D panel.

SHAPING
... directly to a reconfigurable mould without wasting time or wood to make a mould...

FINISHED PANEL
... to the shaped panel ready to install, up to 10 times faster vs conventional solution.

DRAWING
Starting from the 3D drawing file...

TRIMMING
... combined with Corian® Design Automated Post-Trimming technology...

For further info, please contact the local organisation or representative of Corian® Design.