

Moulded Components & 3D Design



Absolute Precision
in Every Dimension

Delivered to the site in perfect shape

Experience a room through precision

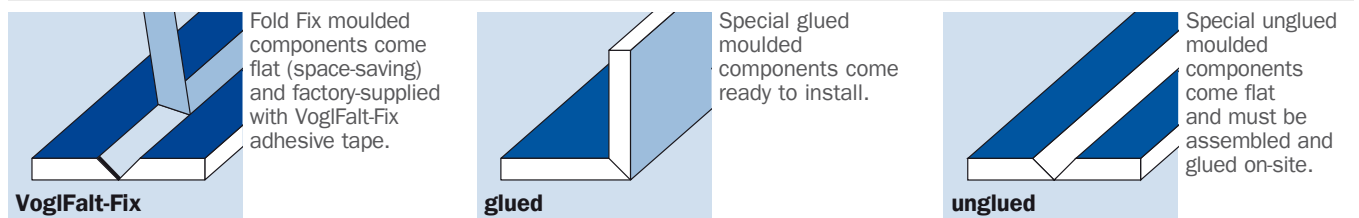
The bending and folding technology offers an abundance of creative design possibilities. An optimum ceiling solution can be realised with linear V-grooves.

In addition to the Vogl Fold Fix, it is the various angles or edges, but also the bent and rounded moulded components that create – depending on customer desire and design – an impressive experience of space.

Effective ceiling design can be realized with accurately sized custom-made moulded components, such as quarter shell, half shell, lamella, funnel, dome or vault.



Available V-grooves



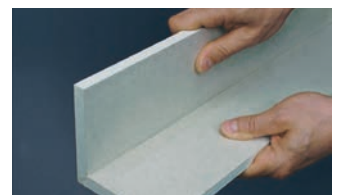
1. Delivered flat



2. Remove cover paper



3. Press limbs firmly together



4. Done!

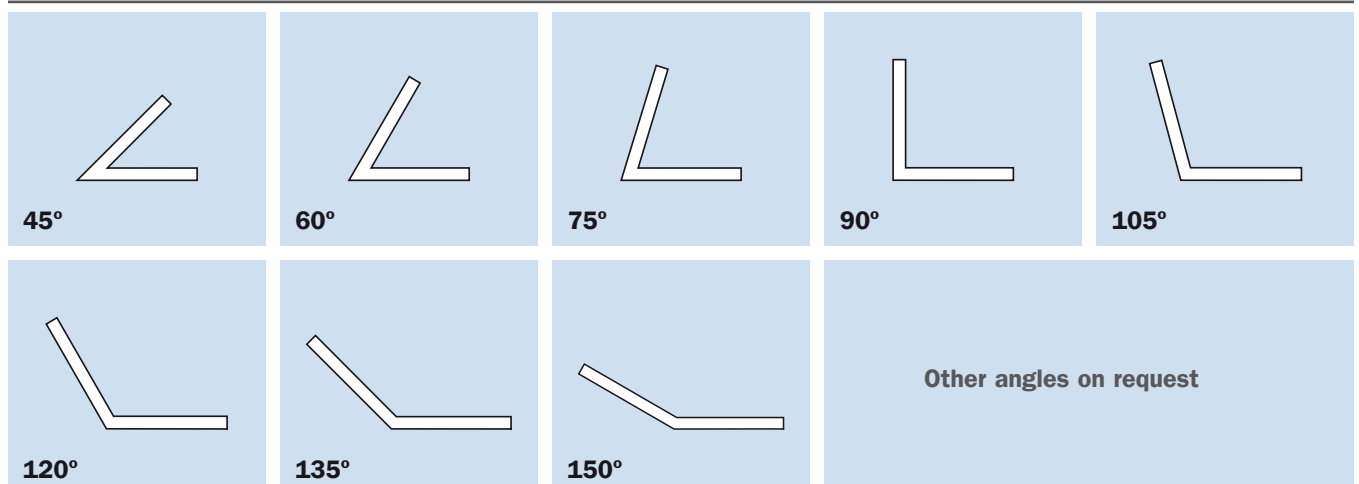
Key advantages:

- Glueless joining of moulded components on site, no priming, no drying times
- Easy on-site handling of moulded components
- High adhesive strength immediately
- Angle adjustment of $\pm 2^\circ$ after adhesion
- Delivered flat – less handling damage

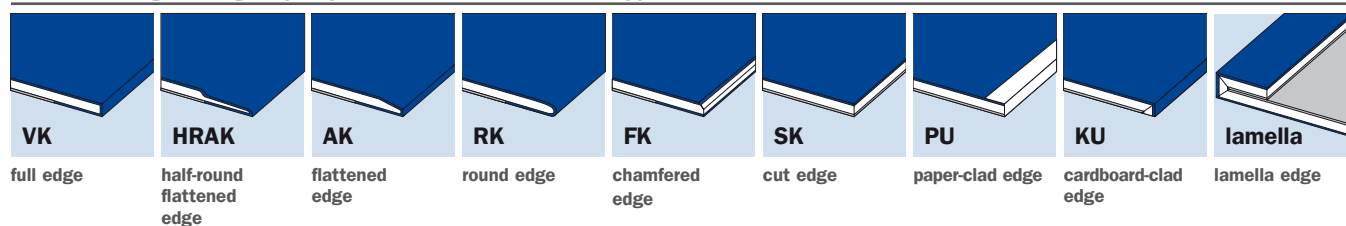
Note:

Vogl Fold Fix moulded components must be installed without any stresses acting upon them. The free limb must always be fixated.

Available angles



Available edge designs (subject to technical feasibility)



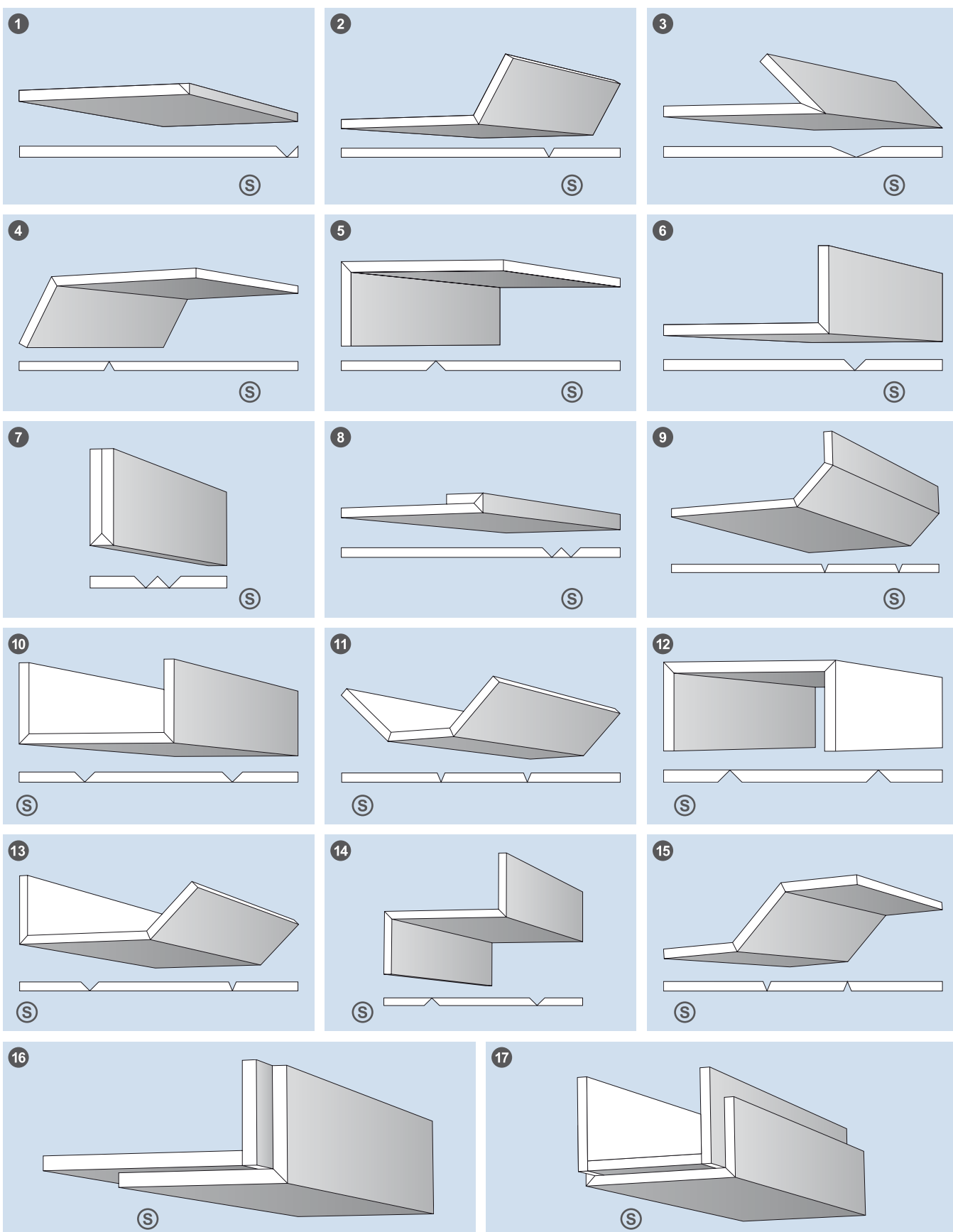
Available panel designs / thicknesses

| Type | Description | Performance | Thickness in mm |
|----------------|---|--|---|
| A | Plasterboard type A as per EN 520 Plasterboard type GKB as per DIN 18180 | Standard plasterboard Note: Available in 10 mm thickness as Thermotec panel or Thermotec panel PLUS (containing graphite) | 6.5 mm 9.5 mm 10.0 mm 12.5 mm |
| DF | Plasterboard type DF as per EN 520 Plasterboard type GKF as per DIN 18180 | Plasterboards with improved fire behaviour | 12.5 mm 15.0 mm 18.0 mm 20.0 mm 25.0 mm |
| DFH2 | Plasterboard type DFH2 as per EN 520 Plasterboard type GKFI as per DIN 18180 | Plasterboards with reduced water absorption (impregnated) | 12.5 mm 15.0 mm 20.0 mm 25.0 mm |
| GM-FH1I | Plasterboard type GM-FH1I as per DIN EN 15283-1 | Waterproofed special panel for use in damp rooms | 12.5 mm |



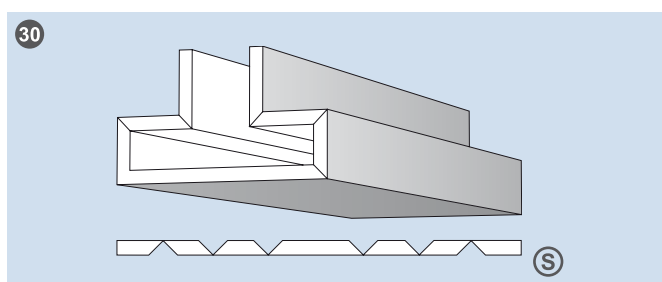
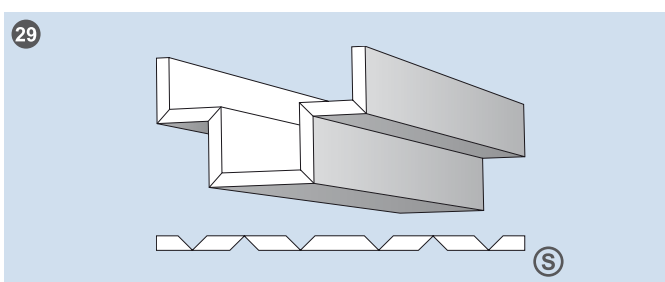
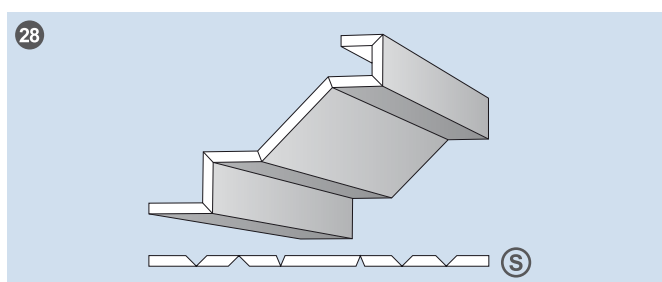
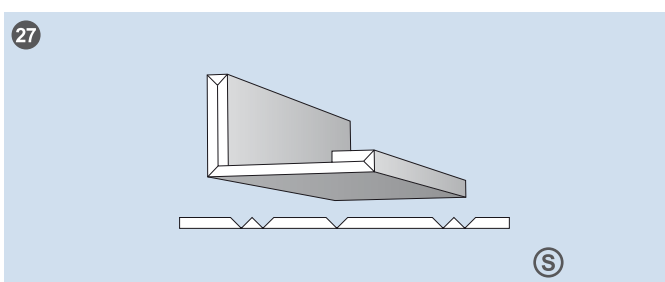
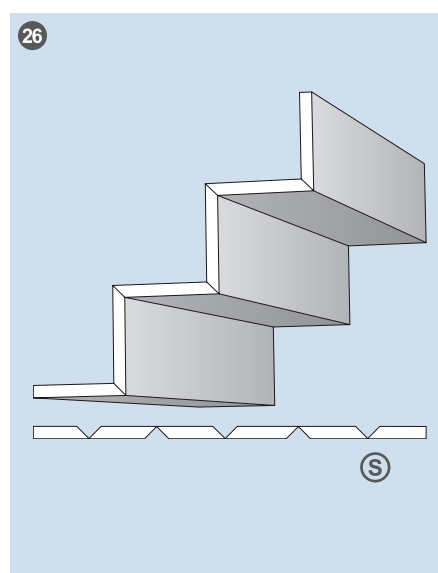
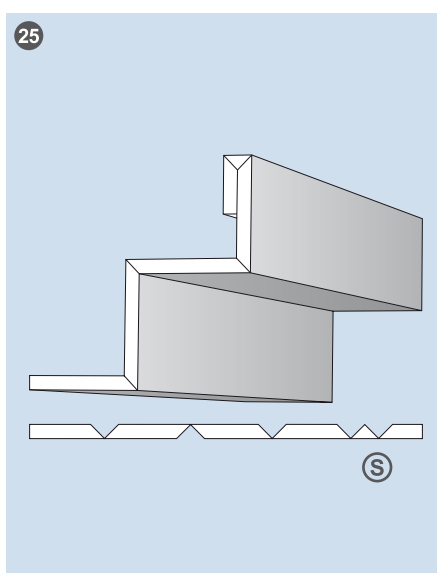
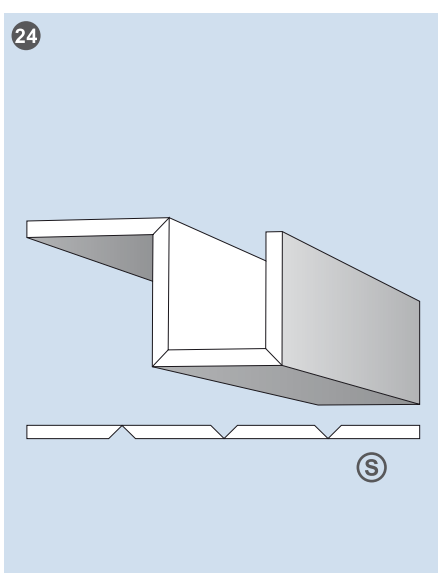
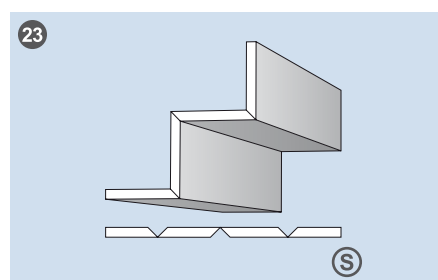
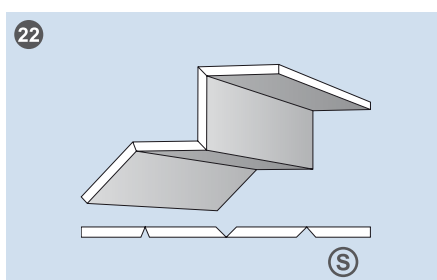
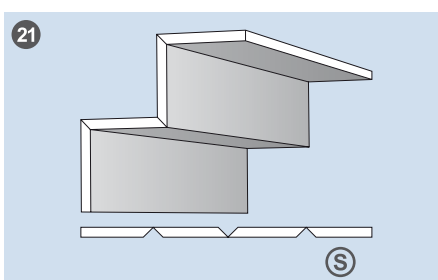
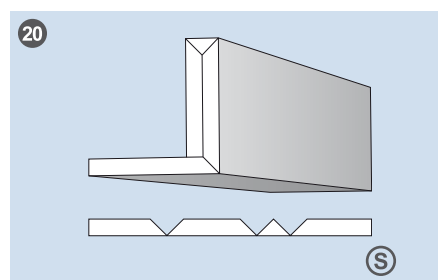
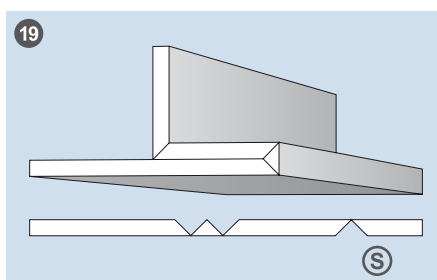
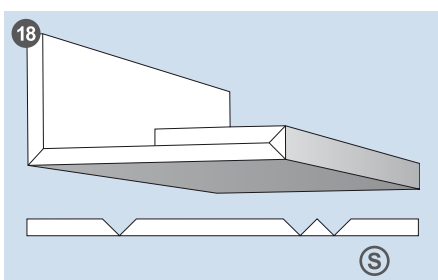
V-grooves

Ⓢ = face side



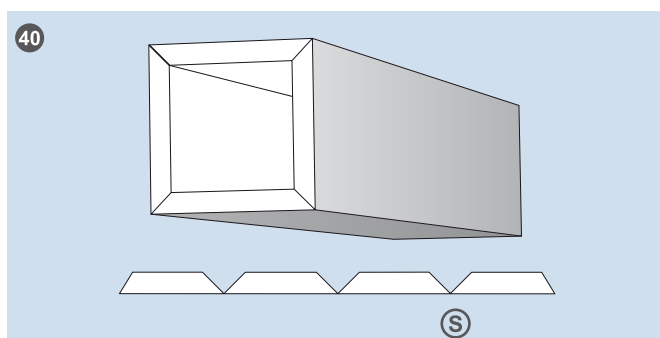
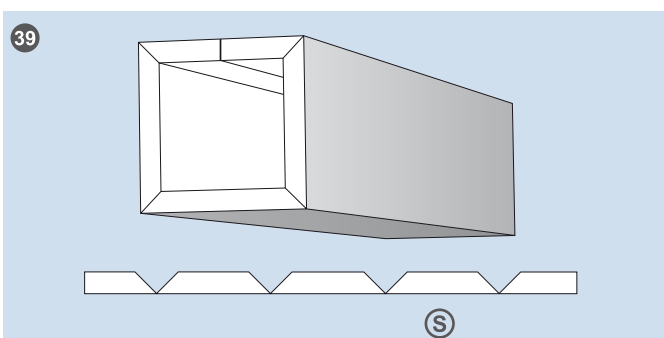
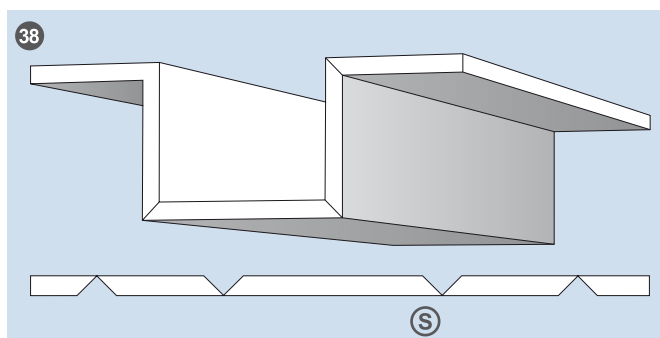
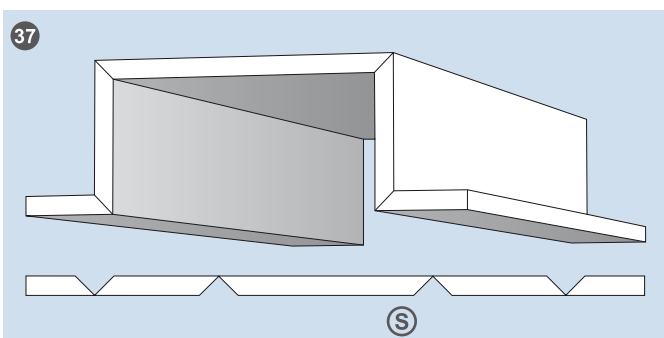
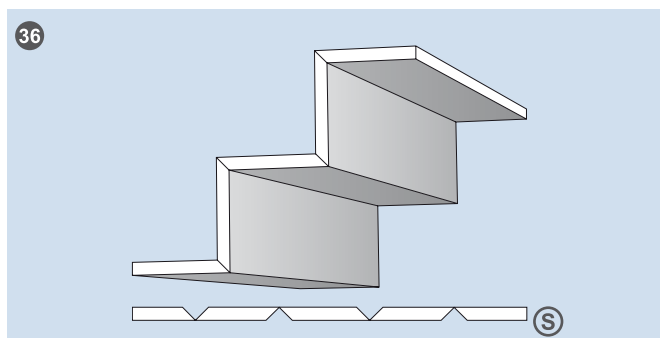
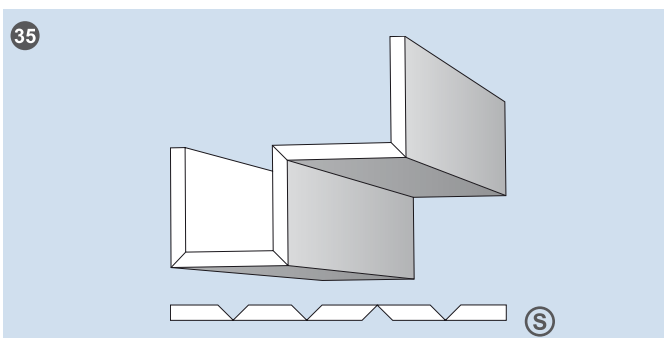
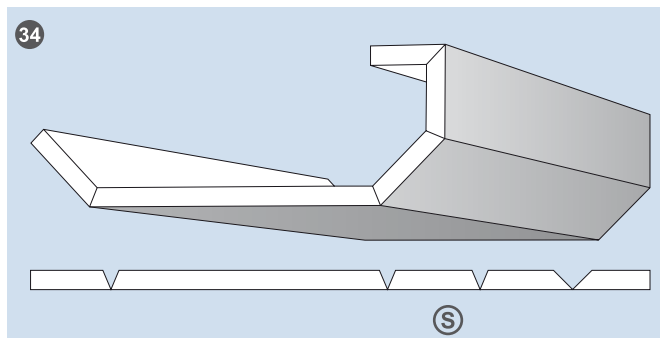
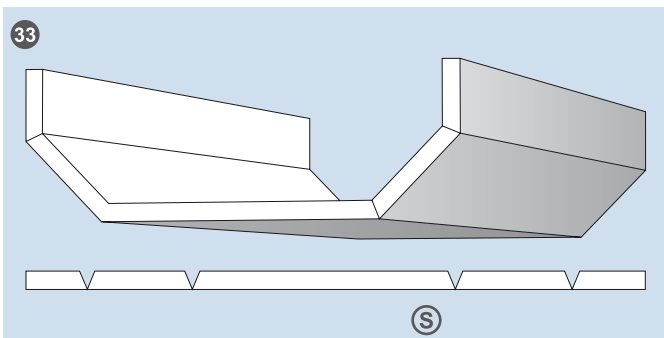
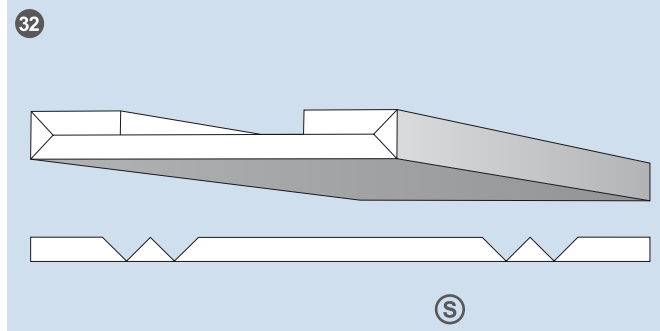
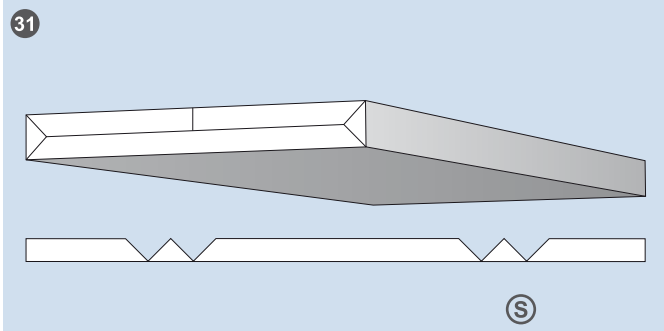
V-grooves

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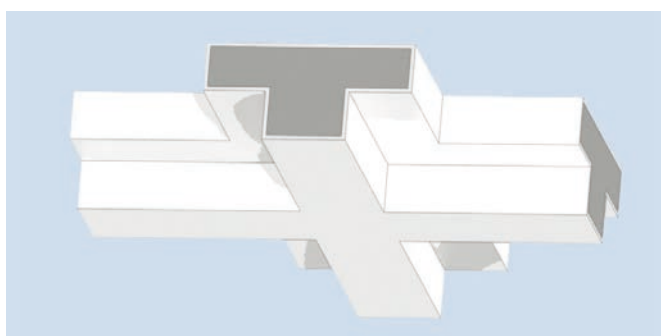
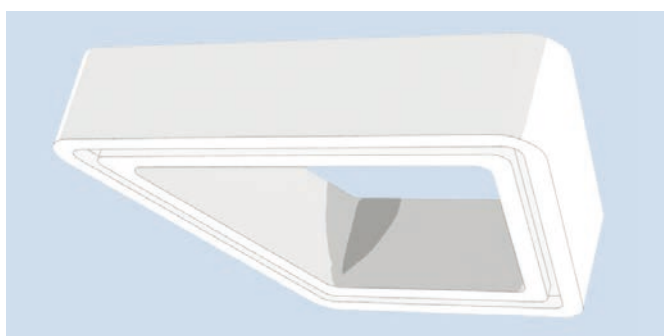
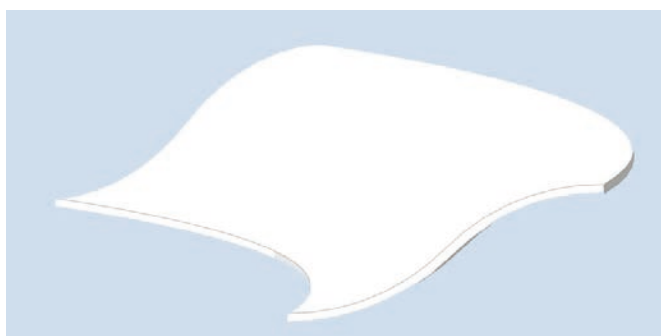
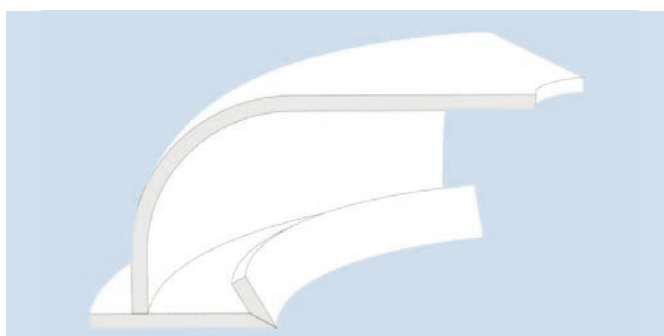
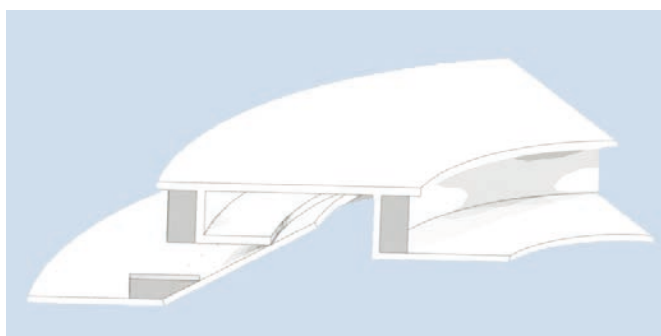
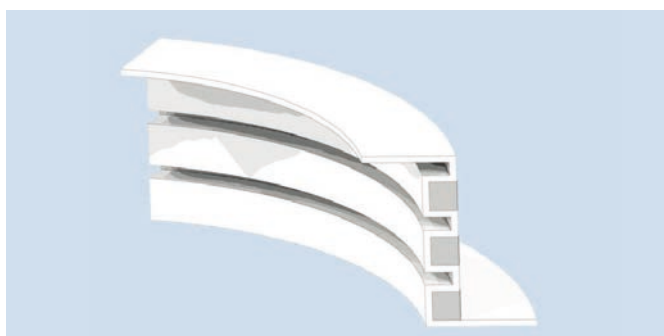
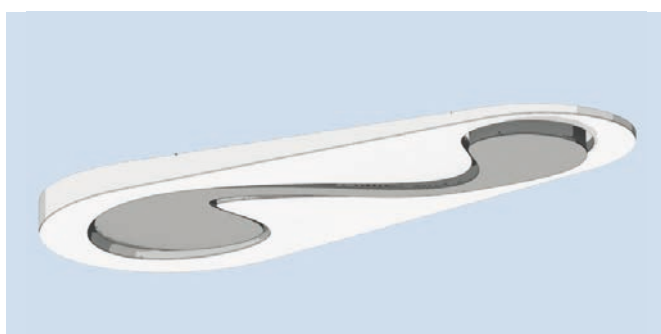
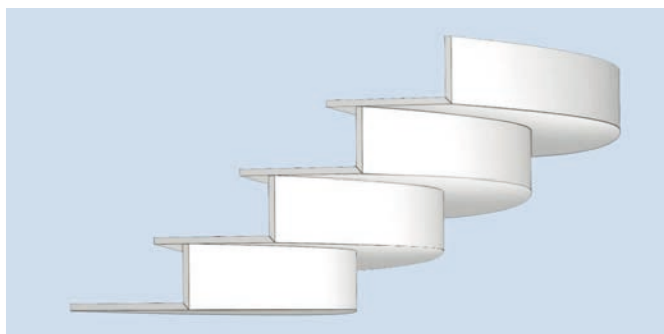
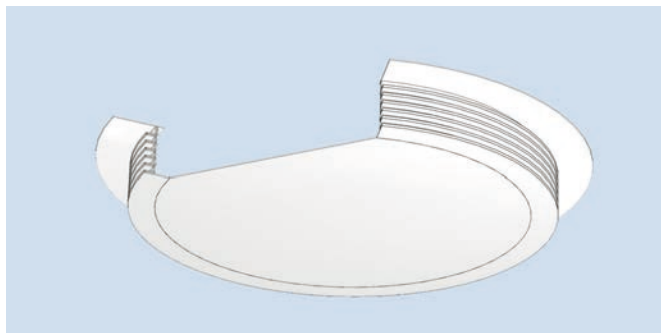
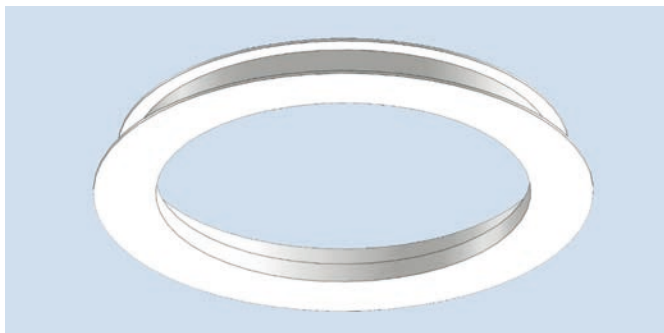


V-grooves

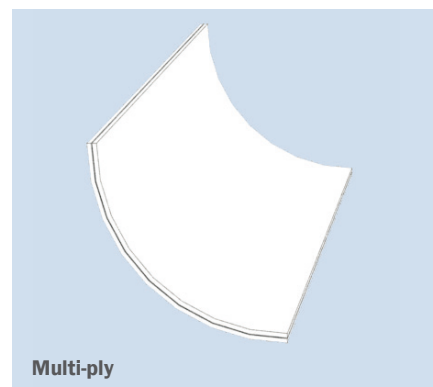
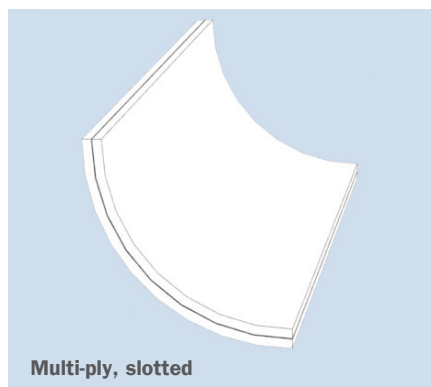
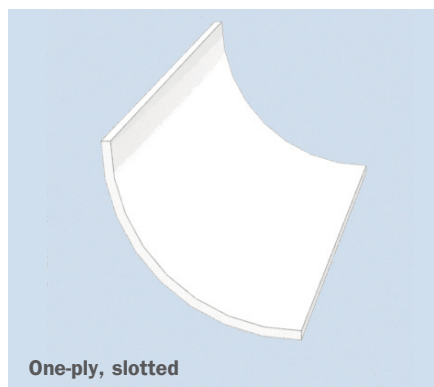
Ⓢ = face side



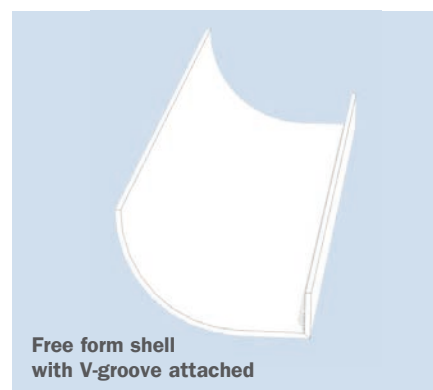
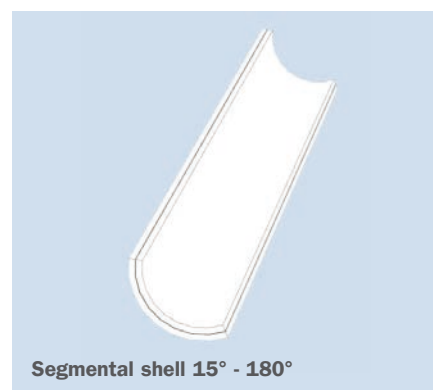
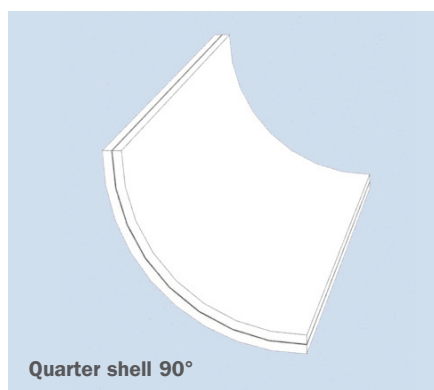
Special elements



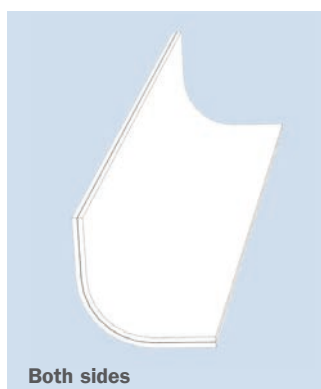
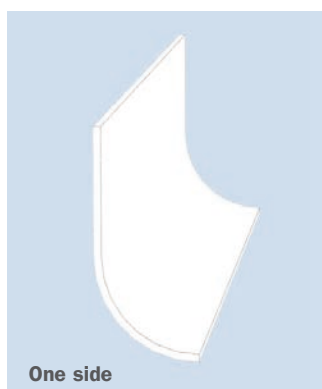
Layered structure of panel



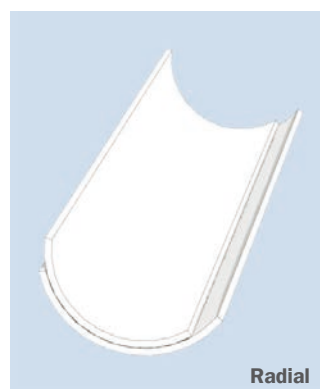
Shapes



Start element



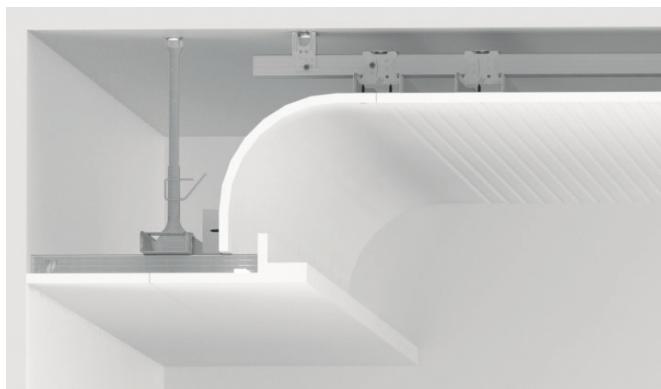
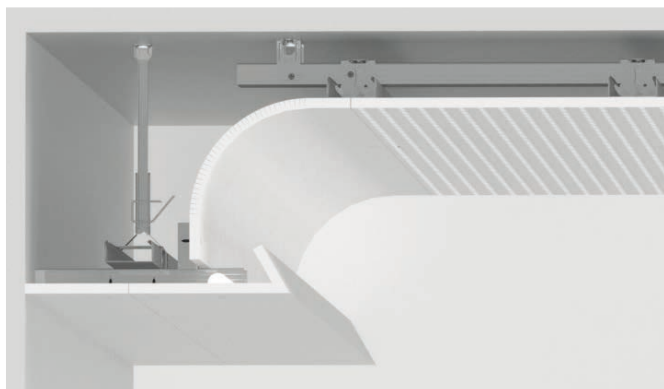
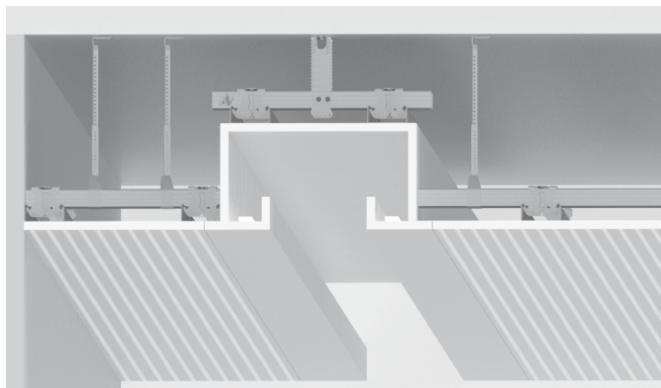
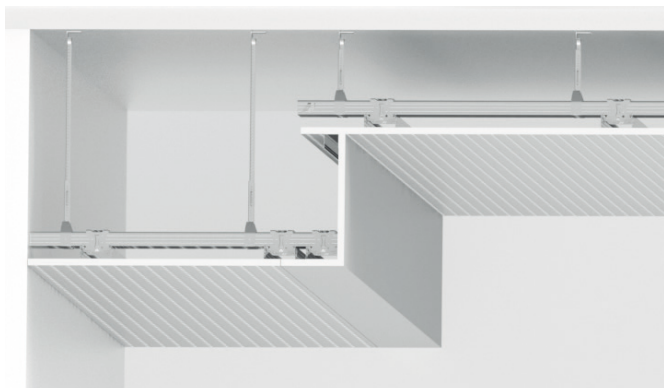
Offset



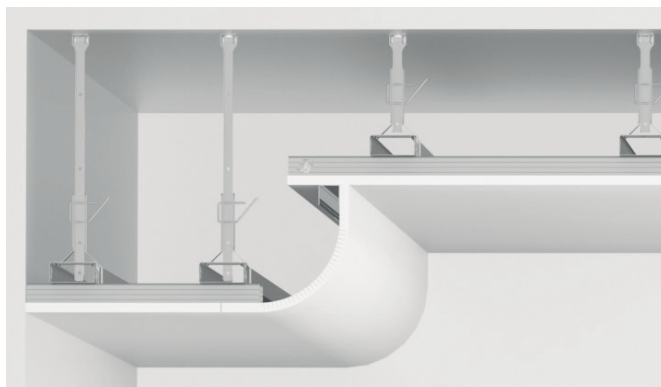
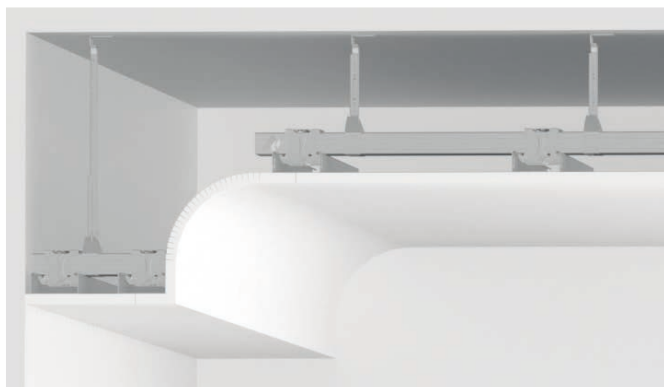
Cuts



V-grooves

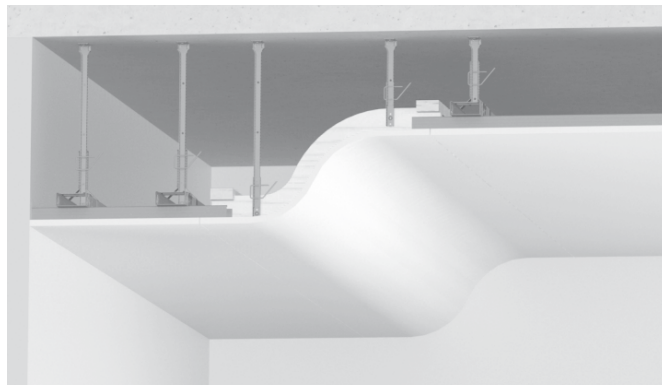
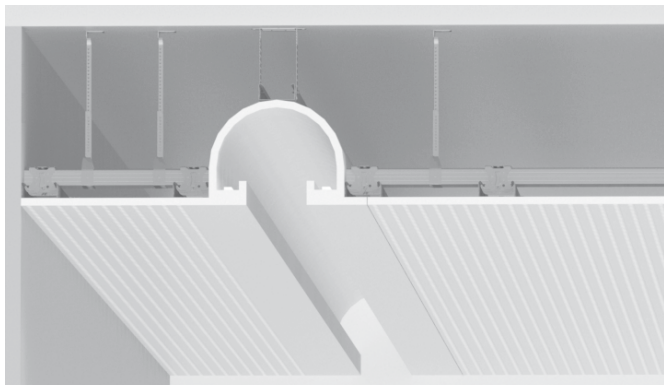


Shells

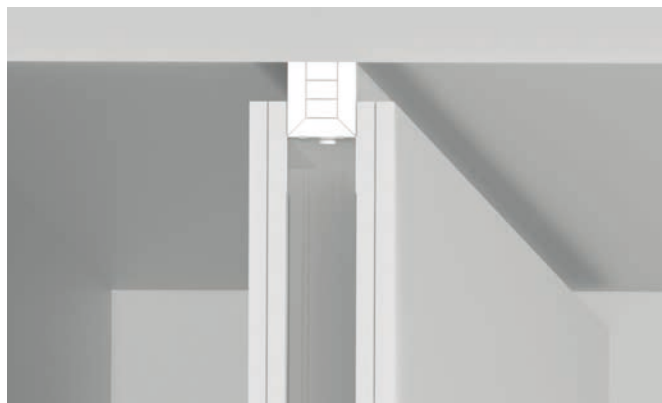


Note: The illustrated moulded components do not show the necessary suspension/framework completely. When planning a project, however, they must be individually considered.

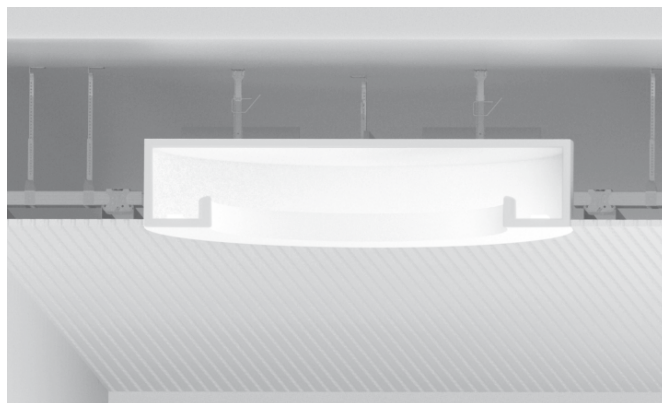
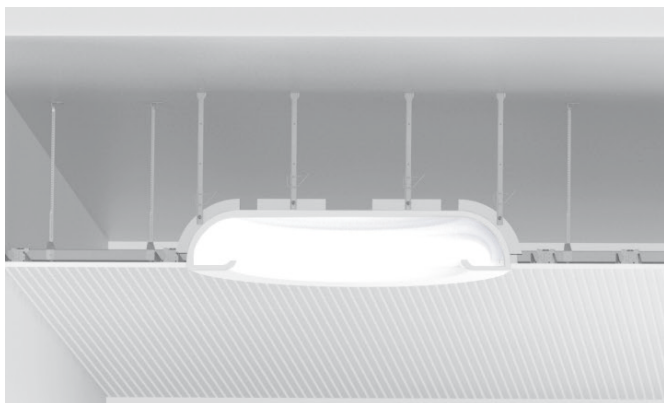
Shells



Plasterboard strips



Rounded L-angles



Note: The illustrated moulded components do not show the necessary suspension/framework completely. When planning a project, however, they must be individually considered.

Baffles



Lamellas



Note: The illustrated moulded components do not show the necessary suspension/framework completely. When planning a project, however, they must be individually considered.

The easiest way to get ceilings into swinging shape

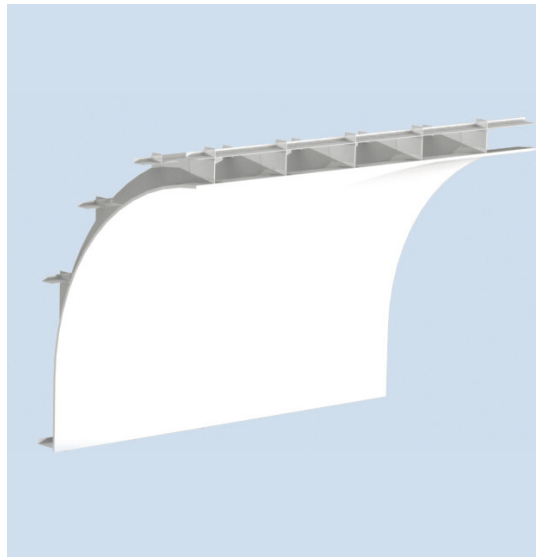
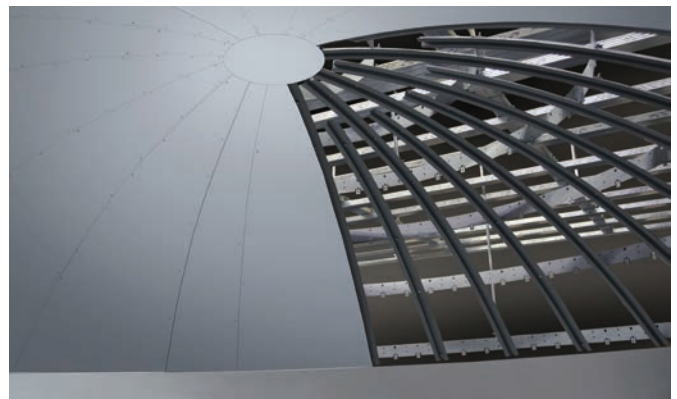
Competence is called for when it comes to the planning and manufacture of vault ceilings, domes or free shapes.

Our long-standing experience and absolute precision in the production of curved moulded components enable us to achieve the complex interaction between the individual components of steel and gypsum. In this process, it is not only the design that counts. Another aspect of great importance to us is the ease of handling during transport and on the job site. So we package the prefabricated moulded elements ready for shipment and deliver them to their destination.



Absolute precision already pre-fabricated:

- Complex two- and three dimensional shapes can be produced
- Economical installation provides an important time advantage and result reliability
- Manageable units for optimal logistics and handling on the job site
- Customised special solutions from lightweight steel construction to individual covering are realised

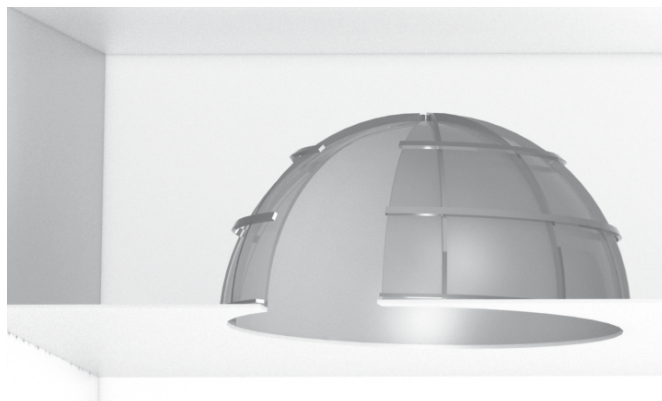
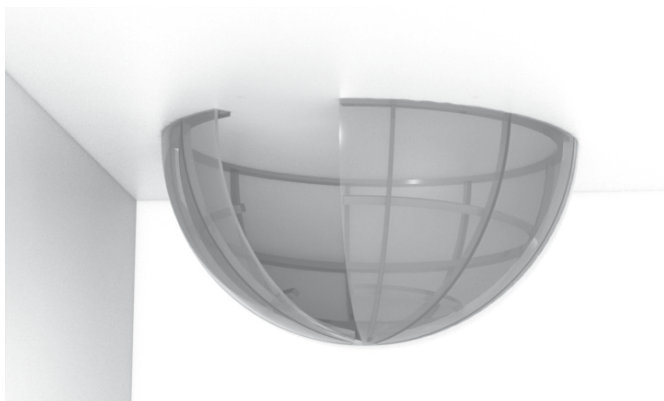


Benefits of Vogl 3D moulded components:

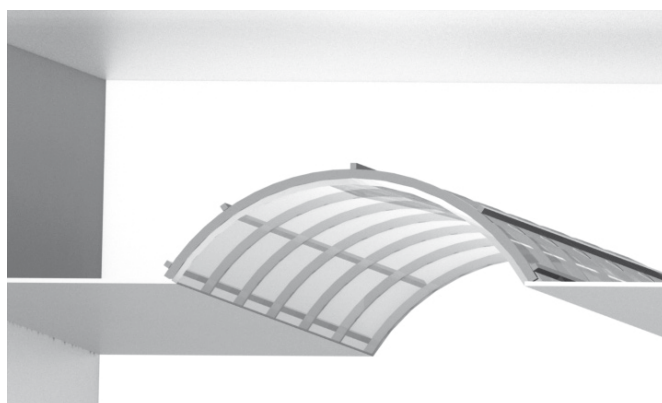
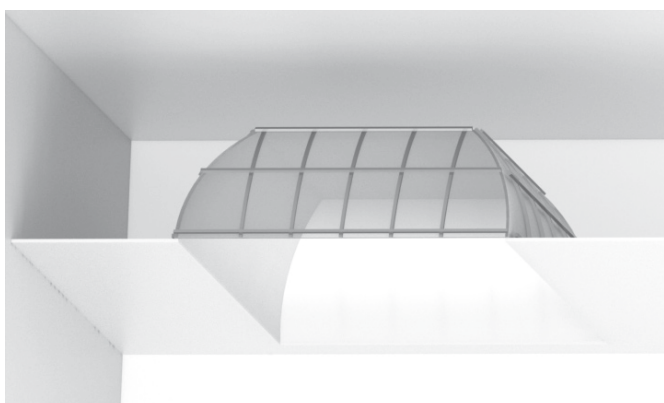
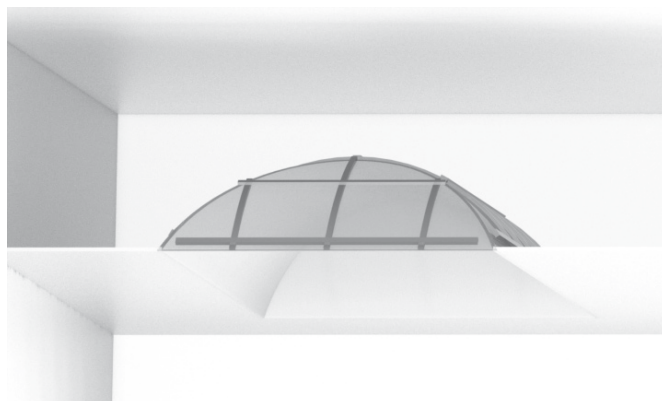
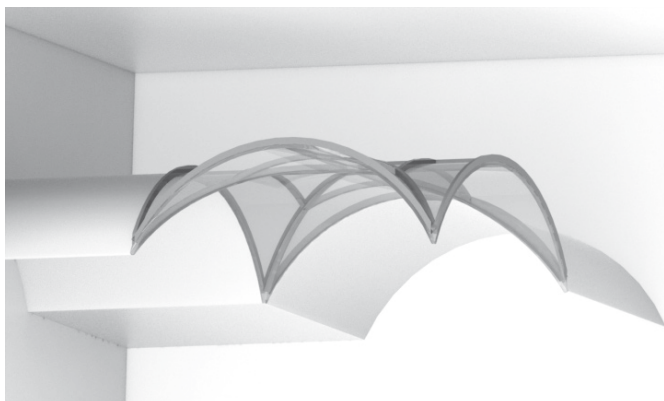
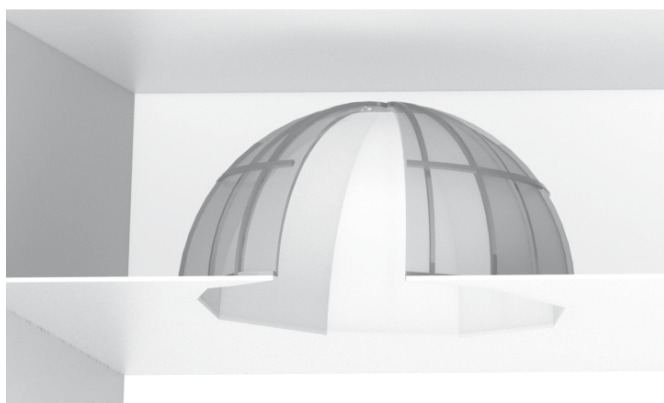
- Consistent shapes, perfect radii – component by component
- Almost no filling and patching work required
- Economical and clean way of working
- Elegant, practicable system solutions for frameworks
- High level of pre-fabrication = rational construction site handling



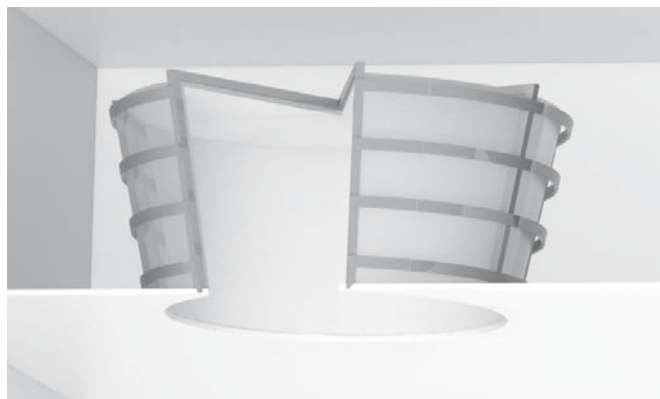
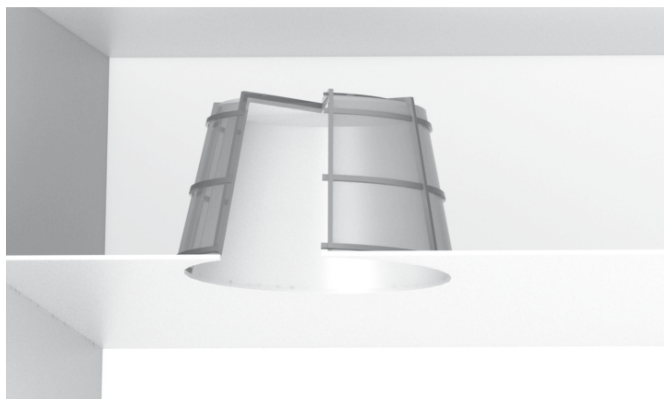
Dome



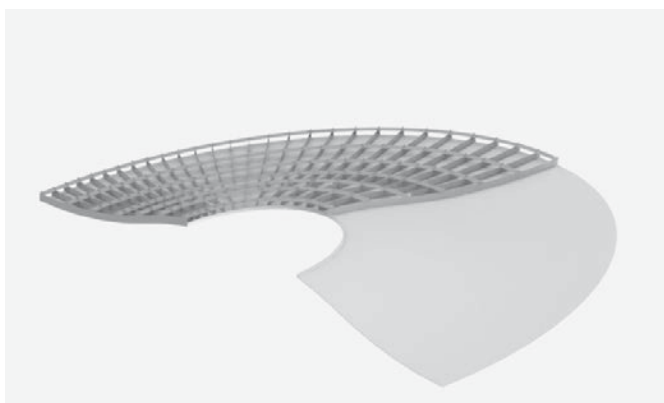
Vault



Funnels



Free shapes





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