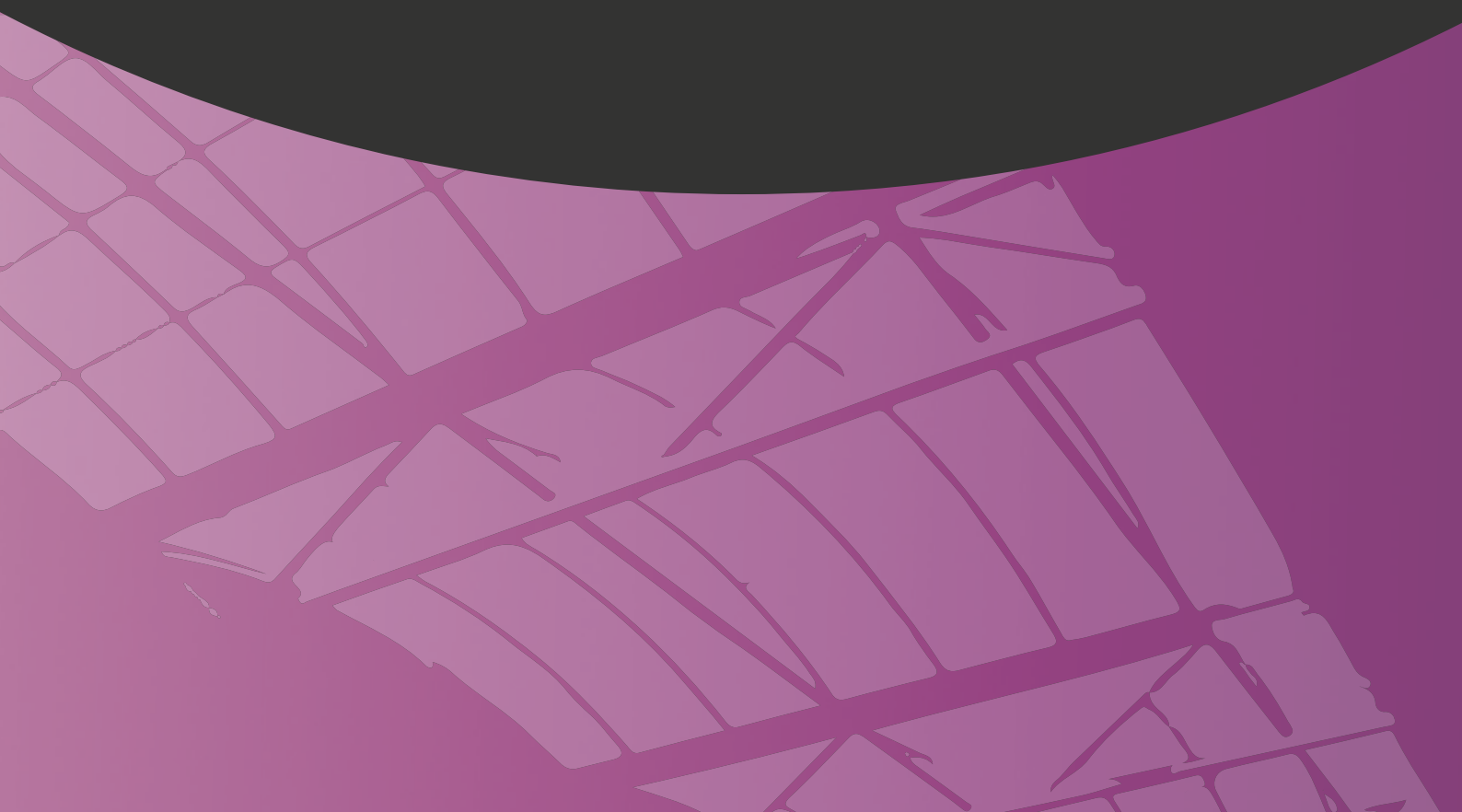




**POLYCARBONATE GLAZING**





**The Company CIPI s.r.o.** performs both system as well as atypical glazing facades like vertical polycarbonate glazing for industrial buildings and construction. It is a light glazing with the possibility to integrate various systems of natural and forced ventilation.

It is used in newly assembled industrial halls but particularly in reconstructions of old industrial buildings, where wall surfaces are covered with wired glass, which is often beyond its lifetime.

Application of polycarbonate glazing for facades is appropriate wherever glass materials can be damaged due to shocks and vibrations, or for lighting of structures that are unable to withstand high load of glass material weight.

The Company CIPI s.r.o. performs two types of polycarbonate glazing for facades:

#### **SYSTEM GLAZING**

Especially suitable for new buildings using systems AKYVER Panel® and RODECA Panel®. These systems allow simple and quick installation and offer also a wide range of glazing options and fitting of system aluminium windows opened manually or by an electric motor. As a result of using certified profiles with interrupted thermal bridge combined with system glazing we are able to achieve excellent thermal insulation properties of the glazing.

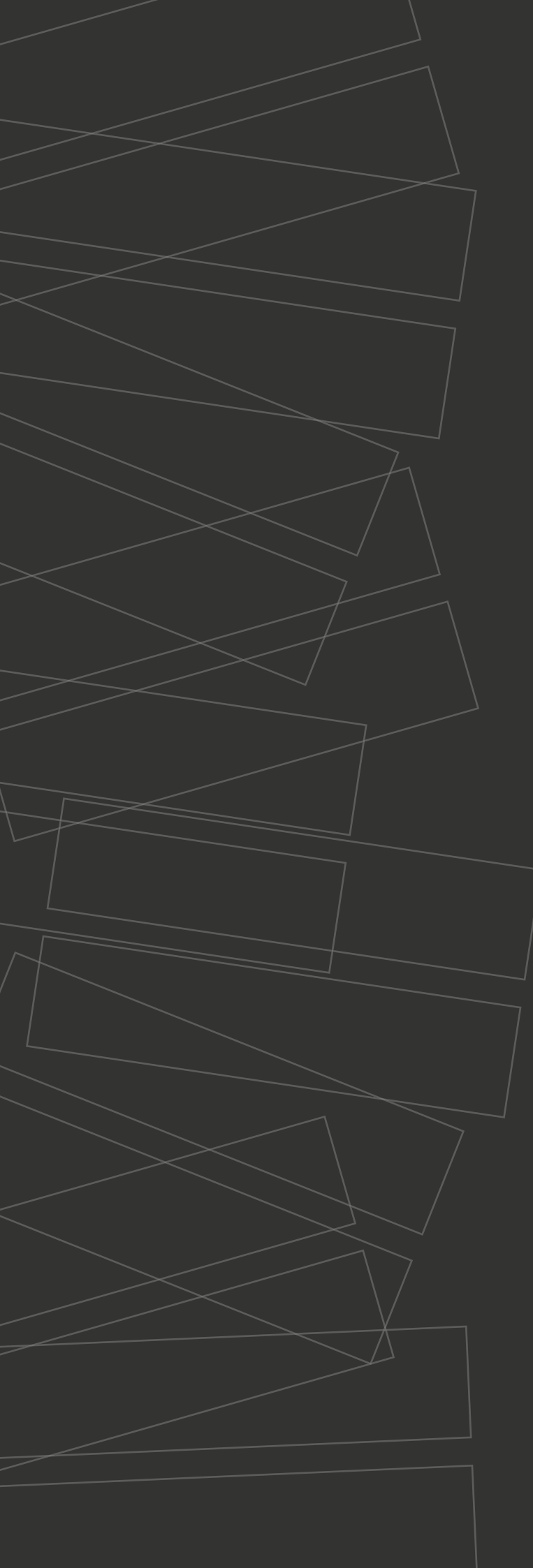
#### **NON-SYSTEM GLAZING**

Our company has rich experience in glazing existing facades that have been glazed with glass or wire mesh glass. To optimize the cost of glazing, in the case of non-system glazing there is used an existing steel structure with an existing raster as an anchor base where polycarbonate plates are fixed by means of clamping bars. With this system, we can use a wide range of polycarbonate plates from 10mm to 32 mm thickness. For these thicknesses, we supply aluminium fittings with rubber seals and U profiles, U sill profiles, clamping bars, etc. We supply and install this glazing for new buildings in industry, especially for glazing of shed skylights.



## Advantages of polycarbonate glazing

- Low weight
- Simple and time-saving installation
- UV protection co-extruded directly into material
- Excellent thermal insulation properties from 2.40 up to 0.71 W/m<sup>2</sup>K
- Variability of glazing thickness from 10 mm to 60 mm
- Special types of polycarbonate for solutions that are subject to specific requirements
- Excellent impact strength
- Polycarbonate is not susceptible to breaking like ordinary glass
- Guarantee up to 10 years



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