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Glass technical training



Transformed flat glass: VPLA

This training is aimed at all those people who use or manufacture raw flat glass for whatever use it is: building, furnishing, vehicle, solar collectors...

➤ **Purpose of the training**

Acquire the technical basis of the manufacturing and use of flat glass in all its applications.

➤ **Relevant staff**

All people confronted with the manufacturing, processing, choice, use of products from flat glass: mirrors, design office, architect, head of purchasing glass products in the building field, transport, solar sensors, creators, manufacturers, installers of flat glass products.

➤ **Program (adapted to the needs of the trainees)**

- Presenting industry of flat glass
- Manufacturing raw flat glass products
 - Blown glass, cast glass, rolled glass, drawn glass, float glass
 - Glass annealing
- Flat glass treatment
 - Thermal and chemical tempering
 - Pyrolytic and vacuum coated glass
- Assembling flat glass
 - Laminated glass
 - Double and triple glazing
 - Bullet-resistant glazing
- Properties of flat glass
 - Light and energy transmission, reflection and absorption
 - Coefficient U, thermal insulation, solar factor
 - Acoustic attenuation
- Implementing construction glass products
 - Criteria to choose glazing (notion of RT2012 thermal standards)
 - Implementation of glazing (DTU 39, VEC, VEA)
 - Energetic conception for buildings
- Furnishing and decorative glass
- Glass and transports
 - Bending, screen printing, thermal tempering, glaze laminating
 - R43 regulation
 - Glass and solar sensors

➤ **Duration of the training**

From 1 to 3 days depending on the desired program

➤ **Place of training**

At your choice (your site or elsewhere)

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