



TECHNICAL TRAININGS

R
REYNAERS
aluminium



KNOWLEDGE MUST BE SHARED

At Reynaers Aluminium we recognise the importance of high quality fabrication and installation for the long-term performance of our aluminium systems. We liaise daily with a strong international network of skilled fabricators, who share this commitment with us.

Therefore we provide a range of technical training courses, allowing our customers to develop the necessary skills, knowledge and understanding to ensure the best possible product for the end-user.

Our training programme comprises basic and specialised product training courses (fabrication and installation) and software courses (Reynaers calculation and drawing software).

Courses are held at the Reynaers Institute in Duffel (Belgium).

THE REYNAERS INSTITUTE

With the establishment of the Reynaers Institute in 2004 and its expansion in 2007, we aim to facilitate the evolution of aluminium systems into complete solutions in building design.

Next to the training centre, the Institute hosts a test centre and an automation centre. In the test centre all our systems are meticulously tested to comply with various European standards. In our automation centre, we present and demonstrate the most recent equipment and technologies for the automatic processing of all our systems. It also offers the required infrastructure for training courses, seminars and product presentations.



BASIC TRAINING

This 5-day practical course covers a general introduction to aluminium systems (windows, doors, sliding elements and curtain walling) according to the Reynaers instructions.

Trainees are explained and demonstrated how to use the Reynaers catalogues and how to fabricate and assemble finished elements in the main Reynaers systems. The various profiles, accessories and tools used during the fabrication process are also discussed.

By the end of the training, attendees will have an understanding of the Reynaers profiles and accessories, the types of elements that are possible to fabricate and how to construct the Reynaers systems correctly.

This course is suitable for fabricators who are new to Reynaers products.

Programme of the basic training

- Monday: Theoretical introduction (general information)
 Fabrication of a turn and tilt window CS 68
 Fabrication of a Mosquito screen (optional)

- Tuesday: Fabrication of an inward opening door CS 68
 Fabrication of an RB 10 balustrade (optional)

- Wednesday: Fabrication of a sliding window TP 110 monorail

- Thursday: Fabrication of a sliding window TP 110 monorail
 Fabrication of a curtain wall CW 50





SPECIALISATION TRAINING

The purpose of these practical trainings is to explain and demonstrate in detail the fabrication of the chosen system(s) according to the Reynaers instructions. Trainees are explained and demonstrated how to use the Reynaers catalogues. The various profiles, accessories and tools used during the fabrication process are also discussed.

The specialisation courses are suitable for fabricators who need to understand how to fit the various types of elements in the Reynaers systems range.

Overview of the specialisation trainings

Windows and doors

Eco system turn & tilt window (1 day)	CS 68 Multi Patio (2 days)
CS 38-SL turn & tilt window (1 day)	CS 68 Thermo Front (1,5 days)
CS 38-SL inside opening door (1 day)	CS 68 inside opening door (1 day)
CS 59 turn & tilt window (1 day)	CS 68 outside opening door (1 day)
CS 59Pa turn & tilt window (1 day)	CS 68-FP door type E (1 day)
CS 59-CD (1 day)	CS 68-FP door type EI (2 days)
CS 68 turn & tilt window (1 day)	CS 77 turn & tilt window (1 day)
CS 68-AP window chrono (1 day)	CS 77 inside opening door (1 day)
CS 68 outside opening window (1 day)	CS 86 turn & tilt window (1 day)
CS 68-HV (1 day)	CS 86 inside opening door (1 day)
CS 68 pivoting window (2 days)	

Sliding elements

CP 45Pa (1 day)	CP 96-AP-LS (1,5 days)
CP 50 (1 day)	CP 96-AP monorail (1,5 days)
CP 96 (1,5 days)	TP 110 (1,5 days)
CP 96-LS (1,5 days)	TLS 110 (1,5 days)
CP 96 monorail (1,5 days)	CP 155 (1,5 days)
CP 96-AP (1,5 days)	CP 155-LS (1,5 days)

Conservatories

CR 120 type 1 (0,5 day)	CR 120 type 4 (0,5 day)
CR 120 type 2 (0,5 day)	CR 120 type 5 complex (1 day)
CR 120 type 3 (0,5 day)	TR 200 (1 day)

Curtain walls

CW 50 (0,5 day)	CW 60 (0,5 day)
CW 50 installation (0,5 day)*	CW 60-HI (0,5 day)
CW 50-HI (0,5 day)	CW 60-DRL (1 day)
CW 50-HL (0,5 day)	CW 86 (1 day)
CW 50-SC (0,5 day)	CW 86-HI (1 day)
CW 50-SG (0,5 day)	CW 86 installation (0,5 day)*
CW 50-RA (0,5 days)	CW 86-EF top hung (2 days)

*During the CW 50 and CW 86 installation trainings, fabricators and installers not only learn to assemble the system but are also informed about the basic principles of installation and mounting. They also experience practical work on the installation rig.

Sunscreening systems

BS 100 (0,5 day)	BS 20 (0,5 day)
BS 30 (0,5 day)	Walkway (0,5 day)

Peripheral systems

GP 51 (1 day)
Mosquito (0,5 day)
RB 10 (0,5 day)

Other systems and specific details are possible on request.

SOFTWARE TRAINING

To enable fabrication companies to calculate and produce aluminium projects, Reynaers offers a wide range of software packages that include all the Reynaers profiles and accessories.

Training courses on the use of the different Reynaers software packages are organised on request.

ReynaPro

The software for accurate calculations and attractive proposals

ReynaPro offers the fabricator the opportunity to produce all the necessary data to create attractive, clear and accurate proposals when tendering projects. ReynaPro generates a price proposal, an order list, a production schedule. It can also be used to automate production through computer links.

The course introduces new users to the different modules and functions of the ReynaPro software package. Trainees learn how it is structured and how it can help them calculating and presenting aluminium construction projects. Through exercises they learn to make attractive proposals.

Reynaers Statica

Ideal for the calculation of moments of inertia

Reynaers Statica enables the statical calculation of aluminium constructions, taking into account wind pressure, the height of the project, glass thickness, maximum profile section and safety factors. The final output gives the needed I_x and I_y value in cm^4 adapted to the relevant standards and legislation.

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