

# TECHNAL TRAINING

2024



**TECHNAL**<sup>®</sup>

By  Hydro



**UCEM**  
**MANCHESTER**



# INTRODUCTION

To ensure our customers are kept up to date with the latest developments of our products and software we provide TECHNAL Training.

This Prospectus contains the details of each training seminar along with a brief description of the content of each individual event and also the job roles that would benefit from attending the sessions.

Also included in this document is information on how to book a place and the location of each training event. Training seminars take place at our two UK offices - Tewkesbury or Wakefield.

TECHNAL Product Introductions are a 1-day, in-person seminar that covers products from our four main groups, Windows, Doors, Sliders and Curtain Wall.

Product Fabrication Training is carried out at customer premises by our Field Service Engineers and will guide you through the process of fabricating our range of products. This can be arranged with your Account Manager or directly with our Product Support Department.

TechDesign training is a 2-day in-person session which covers all the features and functions of our quotation and fabrication software.

Online training is available for TechAcoustic, our acoustic performance evaluation software. This can be booked via your Account Manager.

# PRODUCT INTRODUCTION TRAINING

The TECHNAL Product Introduction Training is suitable for employees from all areas of your business, whether they are a part of the sales, estimating, design or production departments.

Training includes all features and benefits of the TECHNAL UK product range, along with examples of applications.

Also included is information on how our products comply with current standards and initiatives relating to weather performance, conservation of energy, security, sustainability and acoustic performance.

The course provides training in the following products:

- TENTAL 50 / 60 Curtain Wall
- SOLEAL Next Window Systems
- SOLEAL Next Door System
- TIGAL Pull-Slide System
- AMBIAL Folding Door
- CONFORT C160S Sliding Door
- Crown Bi-fold Door
- Crown Sliding Door

After attending our Product Introduction training events, participants will have an understanding of how and where TECHNAL Products can be specified to meet the requirements of the building project.

Further information on the contents of each product group module can be found in the following pages of this prospectus. Our Product Introduction training courses are accredited by GQA Qualifications Limited, which is an independent training provider and assessor. We have partnered with GQA to provide high-quality training which can lead to qualifications proving competence in the selection and specification of TECHNAL products.

After attending a product training session, each participant will have the opportunity to sit an assessment hosted by GQA. This is an online multiple choice quiz which will provide their qualification when a pass mark is achieved.



# PRODUCT INTRODUCTION

## / CURTAIN WALL

The TENTAL 50 / 60 Curtain Walling Product Training is suitable for colleagues in all areas of your business whether they are a part of the Sales, Estimating, Design or Production departments.

This course provides training in the following aspects of facade manufacture and design:

- Introduction to TENTAL
- Product Options
- Performance
- Sustainability
- Structure
- Transom Sealing
- Drainage
- Glass Supports
- Glazing and Glazing Gaskets
- Facets, 90 degree corners and Angled Transoms
- Mullion Joint
- Security
- Installation
- Summary



# PRODUCT INTRODUCTION

## / WINDOW SYSTEMS

The SOLEAL Next Window Product Training is suitable for colleagues from all areas of your business whether they are from Sales, Estimating, Design or Production teams.

This course provides training in the following aspects of window selection and manufacture:

- Introduction of the SOLEAL Next Concept (market segments, features & benefits and terminology)
- Materials and Sustainability
- Product Range - Modularity and Applications
- Performance & Specification
- General Arrangements
- Range of Profiles
- Accessories & Hardware
- Gaskets & Glazing
- Fabrication & Assembly
- Tooling
- Installation

We also have other products within our window offer where training can be arranged upon request. These products include SOLEAL FY65 Window Suite, Dualframe 75 casement window (steel replacement domestic window), DF75Si Window Suite.





# PRODUCT INTRODUCTION

## / DOOR SYSTEMS

The TECHNAL SOLEAL Next Door Product Training is suitable for employees from all areas of your business whether they are from Sales, Estimating, Design or Production departments. This course provides training for your teams in the following aspects of swing door product selection and manufacture:

- Product Variants
- Design
- Comfort
- Sustainability
- Target Segments
- General Benefits
- Performance
- Standard Sections
- Range of Profiles
- Accessories, Fittings & Hardware
- Fabrication & Assembly
- Glazing
- Tooling
- Installation

We also have a range of other door systems, and training for these can be arranged for these on demand. These product ranges include Stormframe STII and Dualsecure Dualframe Doors.



# PRODUCT INTRODUCTION

## / SLIDING SYSTEMS

The TECHNAL Sliding Door Systems Product training is suitable for colleagues from all areas of your business whether they are from Sales, Estimating, Design or Production.

TECHNAL has a range of Sliding Door systems as mentioned below and the training reviews each of these product ranges and their variants.

- TIGAL Pull Sliding Door
- AMBIAL Folding / Sliding Door
- CONFORT 160S Sliding door
- CROWN Bi-Fold Door
- CROWN Patio Door

The course provides training in the following aspects of our sliding door product selection and manufacture:

- Definitions
- Product scope, applications & variants
- Key features
- Performance & Specification
- Product offer: range of profiles & hardware
- Glazing
- Fabrication methods & tooling
- Installation principles



# PRODUCT TRAINING CALENDAR\*

MONTH	DATES	TITLE	LOCATION	DURATION
January	11.01.2024	TENTAL 50/60 Curtain Wall	Wakefield	Full Day
January	16.01.2024	SOLEAL Next Window	Tewkesbury	Full Day
January	17.01.2024	SOLEAL Next Door	Tewkesbury	Full Day
January	18.01.2024	TENTAL 50/60 Curtain Wall	Tewkesbury	Full Day
February	06.02.2024	SOLEAL Next Window	Wakefield	Full Day
February	13.02.2024	TENTAL 50/60 Curtain Wall	North West	Full Day
February	14.02.2024	SOLEAL Next Window	North West	Full Day
February	15.02.2024	SOLEAL Next Door	North West	Full Day
March	07.03.2024	TENTAL 50/60 Curtain Wall	Wakefield	Full Day
March	12.03.2024	SOLEAL Next Door	South East	Full Day
March	13.03.2024	TENTAL 50/60 Curtain Wall	South East	Full Day
March	14.03.2024	SOLEAL Next Window	South East	Full Day
March	21.03.2024	SOLEAL Next Window	Tewkesbury	Full Day
April	02.04.2024	Soleal Next Door	Wakefield	Full Day
April	09.04.2024	Soleal Next Window	South West	Full Day
April	10.04.2024	Soleal Next Door	South West	Full Day
April	11.04.2024	Tental 50/60 Curtain Wall	South West	Full Day
April	16.04.2024	Tental 50/60 Curtain Wall	Tewkesbury	Full Day
May	02.05.2024	Soleal Next Window	Wakefield	Full Day
May	07.05.2024	Tental 50/60 Curtain Wall	East Midlands	Full Day
May	08.05.2024	Soleal Next Door	East Midlands	Full Day
May	09.05.2024	Soleal Next Window	East Midlands	Full Day
May	16.05.2024	Soleal Next Door	Tewkesbury	Full Day
May	28.05.2024	Tental 50/60 Curtain Wall	Wakefield	Full Day
June	04.06.2024	Soleal Next Door	North East	Full Day
June	05.06.2024	Tental 50/60 Curtain Wall	North East	Full Day
June	06.06.2024	Soleal Next Window	North East	Full Day
June	11.06.2024	Soleal Next Window	Tewkesbury	Full Day
June	27.06.2024	Soleal Next Door	Wakefield	Full Day

\* in certain circumstances locations and dates may change due to demand.

MONTH	DATES	TITLE	LOCATION	DURATION
July	02.07.2024	Soleal Next Window	South Wales	Full Day
July	03.07.2024	Soleal Next Door	South Wales	Full Day
July	04.07.2024	Tental 50/60 Curtain Wall	South Wales	Full Day
July	23.07.2024	Soleal Next Window	Wakefield	Full Day
July	30.07.2024	Tental 50/60 Curtain Wall	North West	Full Day
July	31.07.2024	Soleal Next Door	North West	Full Day
August	01.08.2024	Soleal Next Window	North West	Full Day
August	06.08.2024	Soleal Next Door	Tewkesbury	Full Day
August	22.08.2 November	Tental 50/60 Curtain Wall	Wakefield	Full Day
August	27.08.2024	Soleal Next Window	South East	Full Day
August	28.08.2024	Tental 50/60 Curtain Wall	South East	Half Day
August	29.08.2024	Soleal Next Door	South East	Full Day
September	05.09.2024	Soleal Next Window	Tewkesbury	Full Day
September	17.09.2024	Soleal Next Door	Wakefield	Full Day
September	24.09.2024	Soleal Next Door	South West	Full Day
September	25.09.2024	Soleal Next Window	South West	Full Day
September	26.09.2024	Tental 50/60 Curtain Wall	South West	Full Day
October	01.10.2024	Tental 50/60 Curtain Wall	Tewkesbury	Full Day
October	17.10.2024	Soleal Next Window	Wakefield	Full Day
October	24.10.2024	Soleal Next Window	East Midlands	Full Day
October	25.10.2024	Soleal Next Door	East Midlands	Full Day
October	26.10.2024	Tental 50/60 Curtain Wall	East Midlands	Full Day
October	31.10.2024	Soleal Next Door	Tewkesbury	Full Day
November	12.11.2024	Tental 50/60 Curtain Wall	Wakefield	Full Day
November	19.11.2024	Tental 50/60 Curtain Wall	North East	Full Day
November	20.11.2024	Soleal Next Window	North East	Full Day
November	21.11.2024	Soleal Next Door	North East	Full Day
November	26.11.2024	Soleal Next Window	Tewkesbury	Full Day
December	12.12.2024	Soleal Next Door	Wakefield	Full Day
December	17.12.2024	Soleal Next Window	South Wales	Full Day
December	18.12.2024	Soleal Next Window	South Wales	Full Day
December	19.12.2024	Tental 50/60 Curtain Wall	South Wales	Full Day

# TECHDESIGN

## / SOFTWARE TRAINING

TechDesign is one of our software packages and is created and maintained by Hydro Building Systems.

It is offered to our customers to enable them to easily and quickly carry out the following activities:

- Generate job or project cost estimates
- Produce material orders
- Provide cutting and manufacturing information
- Connect via COM@LU to upload orders/ check stocks
- CNC Via ALUCAM

The TechDesign two day course provides training in the following functions to enable you to process your projects through the software:

- Creating Jobs (projects) and phases
- Job Defaults: Glass types, surface finish, connection methods
- Default Calculation Table: set material discounts
- Creating Groups (Customers etc)
- Creating constructions; windows, doors and curtain wall including user default constructions
- Simple Cross sections
- Drawing Generation
- Parts lists etc.
- User set up – Linked to customer calculation Table
- User Defaults

Printing Reports:

- Job Cost
- Offer (Cost Estimate)
- Material Order/Glass order
- Cutting List, Manufacturing Lists, U-Value reports etc.

Full TechDesign training is held over a two-day period, while the TechDesign update training which shows all new developments to the software is held over a one-day period.

Training participants will be provided with the software and license if required, and therefore must have a suitable laptop or desktop computer to operate the TechDesign software.

Laptops will be provided for the training sessions when held at our Tewkesbury and Wakefield sites.





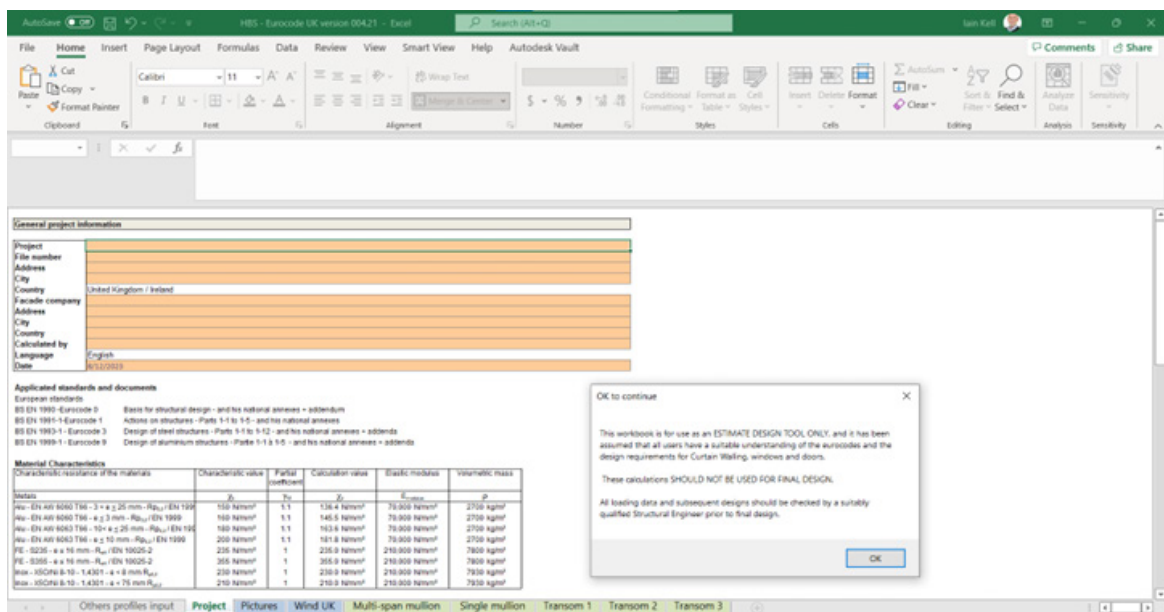
# INTRODUCTION TO EUROCODES

TECHNAL UK is internally using an in-house spreadsheet to carry out initial wind load assessments and profile static requirements. A training is proposed to customers who wish to have access to this spreadsheet for their own pre-design.

This training will cover:

- Introduction to Eurocodes linked with wind load assessments
- Determination of the profile static requirements in multiple configurations:
  - Single and multi-span mullions under wind load
  - Transoms under wind load and dead loads
  - Transom with stud mullion
  - Forces in curtain wall transom connectors
  - Selection of profiles with or without reinforcements

This training will take place over 1/2 day and be held at our offices in Tewkesbury, Wakefield and London.





# SOFTWARE TRAINING CALENDAR\*

MONTH	DATES	TITLE	LOCATION	DURATION
January	09/01/2024	TechDesign Training	Wakefield	Two Days
January	11/01/2024	Introduction to Eurocodes	Tewkesbury	One Day
January	23/01/2024	TechDesign Training	Tewkesbury	Two Days
February	07/02/2024	TechDesign Training	Wakefield	Two Days
February	21/02/2024	TechDesign Training	Tewkesbury	Two Days
February	22/02/2024	Introduction to Eurocodes	Wakefield	One Day
March	05/03/2024	TechDesign Training	Wakefield	Two Days
March	19/03/2024	TechDesign Training	Tewkesbury	Two Days
March	27/03/2024	Introduction to Eurocodes	Tewkesbury	One Day
April	03/04/2024	TechDesign Training	Wakefield	Two Days
April	17/04/2024	TechDesign Training	Tewkesbury	Two Days
April	30/04/2024	TechDesign Training	Wakefield	Two Days
May	08/05/2024	Introduction to Eurocodes	London	One Day
May	14/05/2024	TechDesign Training	Tewkesbury	Two Days
May	29/05/2024	TechDesign Training	Wakefield	Two Days
June	12/06/2024	TechDesign Training	Tewkesbury	Two Days
June	20/06/2024	Introduction to Eurocodes	Wakefield	One Day
June	25/06/2024	TechDesign Training	Wakefield	Two Days

\* in certain circumstances locations and dates may change due to demand.

# SOFTWARE TRAINING CALENDAR

MONTH	DATES	TITLE	LOCATION	DURATION
July	09/07/2024	TechDesign Training	Tewkesbury	Two Days
July	24/07/2024	TechDesign Training	Wakefield	Two Days
July	31/07/2024	Introduction to Eurocodes	Tewkesbury	One Day
August	07/08/2024	TechDesign Training	Tewkesbury	Two Days
August	20/08/2024	TechDesign Training	Wakefield	Two Days
September	03/09/2024	TechDesign Training	Tewkesbury	Two Days
September	11/09/2024	Introduction to Eurocodes	Wakefield	One Day
September	18/09/2024	TechDesign Training	Wakefield	Two Days
October	02/10/2024	TechDesign Training	Tewkesbury	Two Days
October	15/10/2024	TechDesign Training	Wakefield	Two Days
October	24/10/2024	Introduction to Eurocodes	London	One Day
October	29/10/2024	TechDesign Training	Tewkesbury	Two Days
November	13/11/2024	TechDesign Training	Wakefield	Two Days
November	27/11/2024	TechDesign Training	Tewkesbury	Two Days
December	04/12/2024	Introduction to Eurocodes	Tewkesbury	One Day
December	10/12/2024	TechDesign Training	Wakefield	Two Days

# HOW TO BOOK

To book places on our training events review the calendar to see which courses that you would like to book and make a note of the training date and type shown in the calendar.

Next, visit the TECHNICAL UK website at [www.technical.co.uk](http://www.technical.co.uk) and navigate to the "Training Sessions" page where you can request training for both TechDesign and the Product Introduction. You can also access the training sessions directly by visiting the following website address: <https://www.technical.com/en/uk/training-sessions/>

Alternatively, you can email your requests for training to [hbstraininguk@hydro.com](mailto:hbstraininguk@hydro.com) including the training type and date, including the names and email addresses of those attending.

Spaces on each training session may be limited to a maximum of three per company and will be allocated on a first come, first serve basis.

Upon receiving your training request, we will check availability and send each booked attendee confirmation of the booking and details of each event.

Requests for training should be sent no later than 2 weeks prior to the start date.

IF YOU NEED TO CANCEL PLACES  
BOOKED ON AN EVENT, PLEASE DO SO  
A MINIMUM OF 7 DAYS BEFORE  
THE START DATE.



# TRAINING LOCATIONS

## TEWKESBURY

Hydro Building Systems UK Ltd  
Severn Drive  
Tewkesbury  
Gloucestershire  
GL20 8SF

Tel: 01684 853500



## WAKEFIELD

Hydro Building Systems UK Ltd  
Unit B Cedar Court Office Park  
Denby Dale Road  
Wakefield  
WF4 3FU



# CUSTOMER PREMISES TRAINING

Where we can, we prefer to hold all training sessions at our dedicated locations, Tewkesbury and Wakefield.

Sometimes this is not possible or practical and we will try to accommodate training at alternative locations where it is practical to do so and can be accommodated.

Please note this request must come via your Account Manager and we will advise if the request is possible and in what time frame. We have limited resources available so this could extend the date to when it could be carried out.

# FEEDBACK

At the end of each of our training events the participants will be asked to provide feedback via a form which will be available at each event. This enables us to monitor our training quality and make any changes to provide the best possible service to our customers.





IMAGINE WHAT'S NEXT

Head Office  
Severn Drive, Tewkesbury  
Gloucestershire  
GL20 8SF

Tel +44 1684 853500

Northern Office  
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Denby Dale Road, Wakefield  
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