

# TECHNAL TRAINING

2023



**TECHNAL**<sup>®</sup>

By  Hydro



# UCEN MANCHESTER

CAMPUS OPENING TIMES

Day	Opening Time	Closing Time
Monday	08:00	18:00
Tuesday	08:00	18:00
Wednesday	08:00	18:00
Thursday	08:00	18:00
Friday	08:00	18:00
Saturday	08:00	18:00
Sunday	08:00	18:00

UCEN





# INTRODUCTION

To ensure our customers are kept up to date with the latest developments of our products we have produced the TECHNAL Training Prospectus and Calendar.

This Prospectus contains the details of each training seminar along with a brief description of the content of each event and the roles of those who would benefit from attending the events. Also included in this prospectus is information on how to book a place at a training session and the location of each event. Training seminars will take place at two of our UK locations - Tewkesbury and Wakefield. We will also hold regional product introduction events throughout the year to accommodate those customers who cannot travel to our offices.

TECHNAL Product Introduction training is a one-day seminar and will cover our products from four main groups - windows, doors, curtain walling and sliders.

We also offer 2-day training events on our software package TechDesign, covering all features and functions of this system.

To book onto a training session from the calendar, please follow the instructions in the "How to Request Training" on page 5 of this prospectus. After attending one of our training events, each participant will be send a "Certificate of Attendance" for inclusion in their training plan. Other training is also available, such as further technical training for any of our products and this can be arranged via your Account Manager.

Product Fabrication Training can be arranged through your Account Manager or through our product support department and will be carried out by our Field Service Engineers at our customers premises.

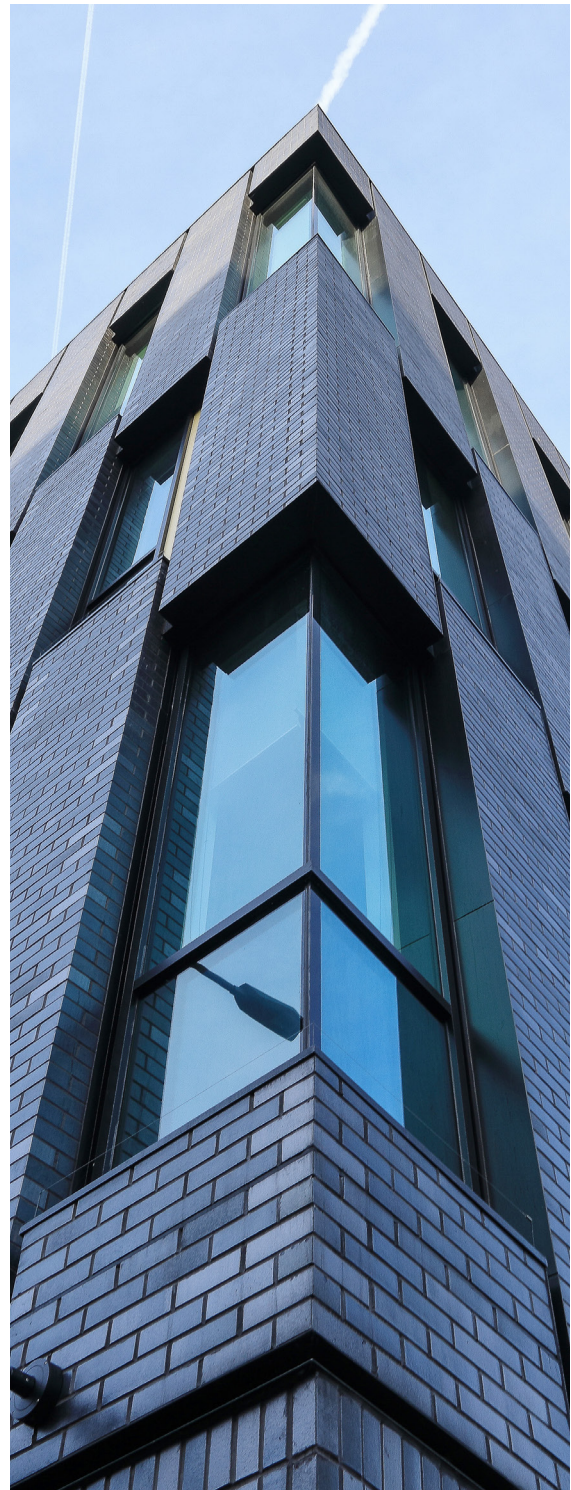
# COVID 19 SAFETY MEASURES

**WHEN ATTENDING HYDRO BUILDING SYSTEMS PREMISES FOR TRAINING PLEASE FOLLOW OUR CORONAVIRUS SAFETY MEASURES TO HELP PROTECT YOURSELF AND ALL HYDRO EMPLOYEES AS BEST AS POSSIBLE.**

If you are feeling unwell, with any symptoms of coronavirus, or if you have been exposed to someone who has been confirmed as having coronavirus **please do not attend site.**

Please confirm if you have returned from abroad in the 14 days before your visit and where you have travelled from. If the country is on the high-risk list we may ask you not to attend site.

- All visitors are requested to make use of the hand sanitising sprays that are placed throughout the building.
- On arrival, please use the sign in screen on the reception desk. This will announce your arrival to the person you are visiting and will print a badge for you to wear.
- To improve ventilation windows may be opened in the training rooms, so please dress accordingly should it be cold.
- If computers are provided for training these will be allocated on an individual basis and that computer will be used by the same person throughout the training day/course.



# PRODUCT INTRODUCTION TRAINING

The TECHNAL Product Introduction training Session is run as a one day course. This is an introductory session to the full TECHNAL UK Product Range.

Areas of your business that may be of interest but not limited to are:

- Sales
- Estimating
- Design
- Production.

Training will include all features and benefits of our products along with examples of applications.

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

The course provides training in the following product types:

- Curtain wall systems
- Window Systems
- Door Systems
- Sliding Systems

Further information on the contents of each product group module can be found in the following pages of this prospectus.



# PRODUCT INTRODUCTION

## / CURTAIN WALL

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

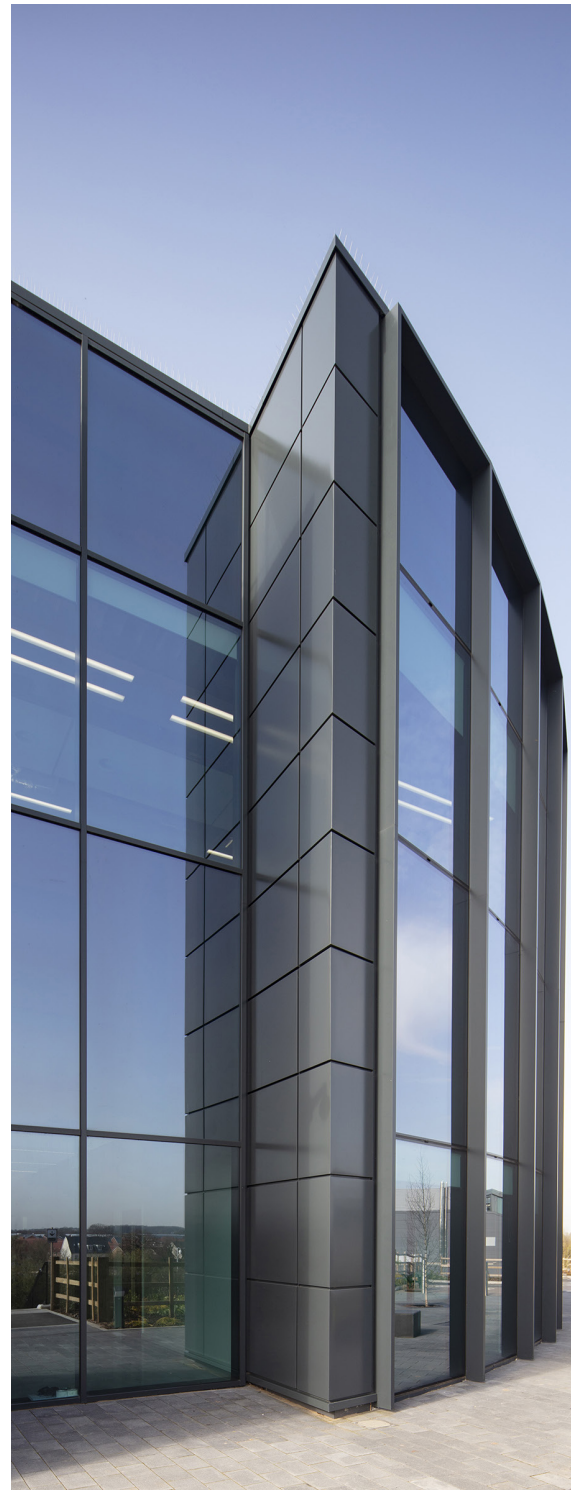
TECHNAL have a range of curtain wall systems as mentioned below and the training reviews each of these product ranges and their variants .

TECHNAL has the following range of Curtain Wall Products:

- TENTAL 50 Curtain Wall
- TENTAL 60 Curtain Wal
- Geode MX 52mm Curtain Wall
- Spinal MY 62mm Curtain Wall
- Elegance 52mm Curtain Wall

The course provides training in the following aspects of curtain wall design and manufacture:

- Definitions
- Performance (weather, thermal, acoustic and security)
- General arrangement cross sections
- Fabrication and Tooling
- Drainage principles
- Loads on curtain walling
- Profile selection (based on inertia requirements)
- Fixing Principles (including expansion and building movement)
- Glazing
- Sealing
- Assembly instructions



# PRODUCT INTRODUCTION

## / WINDOW SYSTEMS

The TECHNAL Window 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 window systems as mentioned below and the training reviews each of these product ranges and their variants.

TECHNAL has the following range of window products:

- SOLEAL Next 75 window suite
- SOLEAL Next 65 window suite
- Soleal FY65 window suite
- Dualframe 75 Si window suite
- Dualframe 75 casement window suite
- Crown casement window

The course provides training in the following aspect of window product selection and manufacture:

- Definitions
- Product scope and applications
- Window Variants
- Performance and Specification
- Product offer: range of profiles and hardware
- Glazing
- Fabrication methods and tooling
- Installation principles



# PRODUCT INTRODUCTION

## / DOOR SYSTEMS

The TECHNAL 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 Door systems as mentioned below and the training reviews each of these product ranges and their variants.

TECHNAL has the following range of Door Products:

- SOLEAL Next 75
- Stormframe STII
- Soleal PY55
- Crown Residential II
- Dual Secure
- CD & 202

The course provides training in the following aspect of Pivot/Rebated product selection and manufacture:

- Definitions
- Product scope and applications
- Door Variants
- Performance and Specification
- Product offer: range of profiles and hardware
- Glazing
- Fabrication methods and tooling
- Installation principles





# 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
- Confort 160 Sliding Door
- Confort 160S Sliding door
- Crown Bi-Fold Door
- Crown Patio Door
- Ambial Folding Sliding Door

The course provides training in the following aspect of our sliding door product selection and manufacture;

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



# PRODUCT TRAINING CALENDAR\*

MONTH	DATES	TITLE	LOCATION	DURATION	TRAINING NUMBER
January	03.01.2023	Soleal Next FZ75 window suite	Tewkesbury	Half Day	TRN-00261
January	03.01.2023	Soleal Next PZ75 door	Tewkesbury	Half Day	TRN-00263
January	10.01.2023	Soleal Next FZ75 window suite	North West	Half Day	TRN-00261
January	10.01.2023	Soleal Next PZ75 door	North West	Half Day	TRN-00263
January	11.01.2023	Tental 50/60 Curtain Wall	North West	Full Day	TRN-00264
January	12.01.2023	Sliding Systems	North West	Full Day	TRN-00290
January	17.01.2023	Tental 50/60 Curtain Wall	Wakefield	Full Day	TRN-00264
February	02.02.2023	Tental 50/60 Curtain Wall	Tewkesbury	Full Day	TRN-00264
February	07.02.2023	Sliding Systems	South East	Full Day	TRN-00290
February	08.02.2023	Soleal Next FZ75 window suite	South East	Half Day	TRN-00261
February	08.02.2023	Soleal Next PZ75 door	South East	Half Day	TRN-00263
February	09.02.2023	Tental 50/60 Curtain Wall	South east	Full Day	TRN-00264
February	14.02.2023	Soleal Next FZ75 window suite	Wakefield	Half Day	TRN-00261
February	14.02.2023	Soleal Next PZ75 door	Wakefield	Half Day	TRN-00263
February	28.02.2023	Soleal Next FZ75 window suite	Tewkesbury	Half Day	TRN-00261
February	28.02.2023	Soleal Next PZ75 door	Tewkesbury	Half Day	TRN-00263
March	07.03.2023	Soleal Next FZ75 window suite	South West	Half Day	TRN-00261
March	07.03.2023	Soleal Next PZ75 door	South West	Half Day	TRN-00263
March	08.03.2023	Tental 50/60 Curtain Wall	South West	Full Day	TRN-00264
March	09.03.2023	Sliding Systems	South West	Full Day	TRN-00290
March	14.03.2023	Tental 50/60 Curtain Wall	Wakefield	Full Day	TRN-00264
March	30.03.2023	Tental 50/60 Curtain Wall	Tewkesbury	Full Day	TRN-00264
April	04.04.2023	Soleal Next FZ75 window suite	North East	Half Day	TRN-00261
April	04.04.2023	Soleal Next PZ75 door	North East	Half Day	TRN-00263

MONTH	DATES	TITLE	LOCATION	DURATION	TRAINING NUMBER
April	05.04.2023	Tental 50/60 Curtain Wall	North East	Full Day	TRN-00264
April	06.04.2023	Sliding Systems	North east	Full Day	TRN-00290
April	13.04.2023	Soleal Next FZ75 window suite	Wakefield	Half Day	TRN-00261
April	13.04.2023	Soleal Next PZ75 door	Wakefield	Half Day	TRN-00263
April	25.04.2023	Soleal Next FZ75 window suite	Tewkesbury	Half Day	TRN-00261
April	25.04.2023	Soleal Next PZ75 door	Tewkesbury	Half Day	TRN-00263
May	02.05.2023	Soleal Next FZ75 window suite	Scotland	Half Day	TRN-00261
May	02.05.2023	Soleal Next PZ75 door	Scotland	Half Day	TRN-00263
May	03.05.2023	Tental 50/60 Curtain Wall	Scotland	Full Day	TRN-00264
May	04.05.2023	Sliding Systems	Scotland	Full Day	TRN-00290
May	09.05.2023	Tental 50/60 Curtain Wall	Wakefield	Full Day	TRN-00264
May	23.05.2023	Tental 50/60 Curtain Wall	Tewkesbury	Full Day	TRN-00264
May	30.05.2023	Soleal Next FZ75 window suite	East Midlands	Half Day	TRN-00261
May	30.05.2023	Soleal Next PZ75 door	East Midlands	Half Day	TRN-00263
May	31.05.2023	Tental 50/60 Curtain Wall	East Midlands	Full Day	TRN-00264
June	01.06.2023	Sliding Systems	East Midlands	Full Day	TRN-00290
June	06.06.2023	Soleal Next FZ75 window suite	Wakefield	Half Day	TRN-00261
June	06.06.2023	Soleal Next PZ75 door	Wakefield	Half Day	TRN-00263
June	22.06.2023	Soleal Next FZ75 window suite	Tewkesbury	Half Day	TRN-00261
June	22.06.2023	Soleal Next PZ75 door	Tewkesbury	Half Day	TRN-00263
June	27.06.2023	Soleal Next FZ75 window suite	South Wales	Half Day	TRN-00261
June	27.06.2023	Soleal Next PZ75 door	South Wales	Half Day	TRN-00263
June	28.06.2023	Tental 50/60 Curtain Wall	South Wales	Full Day	TRN-00264
June	29.06.2023	Sliding Systems	South Wales	Full Day	TRN-00290

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

# PRODUCT TRAINING\*

/ CONTINUED

MONTH	DATES	TITLE	LOCATION	DURATION	TRAINING NUMBER
July	06.07.2023	Tental 50/60 Curtain Wall	Wakefield	Full Day	TRN-00264
July	20.07.2023	Tental 50/60 Curtain Wall	Tewkesbury	Full Day	TRN-00264
July	25.07.2023	Soleal Next FZ75 window suite	North West	Half Day	TRN-00261
July	25.07.2023	Soleal Next PZ75 door	North West	Half Day	TRN-00263
July	26.07.2023	Tental 50/60 Curtain Wall	North West	Full Day	TRN-00264
July	27.07.2023	Sliding Systems	North West	Full Day	TRN-00290
August	03.08.2023	Soleal Next FZ75 window suite	Wakefield	Half Day	TRN-00261
August	03.08.2023	Soleal Next PZ75 door	Wakefield	Half Day	TRN-00263
August	15.08.2023	Soleal Next FZ75 window suite	Tewkesbury	Half Day	TRN-00261
August	15.08.2023	Soleal Next PZ75 door	Tewkesbury	Half Day	TRN-00263
August	22.08.2023	Sliding Systems	South East	Full Day	TRN-00290
August	23.08.2023	Tental 50/60 Curtain Wall	South East	Full Day	TRN-00264
August	24.08.2023	Soleal Next FZ75 window suite	South East	Half Day	TRN-00261
August	24.08.2023	Soleal Next PZ75 door	South East	Half Day	TRN-00263
August	29.08.2023	Tental 50/60 Curtain Wall	Wakefield	Full Day	TRN-00264
September	12.09.2023	Tental 50/60 Curtain Wall	Tewkesbury	Full Day	TRN-00264
September	19.09.2023	Tental 50/60 Curtain Wall	South West	Full Day	TRN-00264
September	20.09.2023	Sliding Systems	South West	Full Day	TRN-00290
September	21.09.2023	Soleal Next FZ75 window suite	South West	Half Day	TRN-00261
September	21.09.2023	Soleal Next PZ75 door	South West	Half Day	TRN-00263
September	26.09.2023	Soleal Next FZ75 window suite	Wakefield	Half Day	TRN-00261
September	26.09.2023	Soleal Next PZ75 door	Wakefield	Half Day	TRN-00263
October	12.10.2023	Soleal Next FZ75 window suite	Tewkesbury	Half Day	TRN-00261
October	12.10.2023	Soleal Next PZ75 door	Tewkesbury	Half Day	TRN-00263

MONTH	DATES	TITLE	LOCATION	DURATION	TRAINING NUMBER
October	17.10.2023	Soleal Next FZ75 window suite	North East	Half Day	TRN-00261
October	17.10.2023	Soleal Next PZ75 door	North East	Half Day	TRN-00263
October	18.10.2023	Tental 50/60 Curtain Wall	North East	Full Day	TRN-00264
October	19.10.2023	Sliding Systems	North East	Full Day	TRN-00290
October	26.10.2023	Tental 50/60 Curtain Wall	Wakefield	Full Day	TRN-00264
November	09.11.2023	Tental 50/60 Curtain Wall	Tewkesbury	Full Day	TRN-00264
November	14.11.2023	Sliding Systems	Scotland	Full Day	TRN-00290
November	15.11.2023	Soleal Next FZ75 window suite	Scotland	Half Day	TRN-00261
November	15.11.2023	Soleal Next PZ75 door	Scotland	Half Day	TRN-00263
November	16.11.2023	Tental 50/60 Curtain Wall	Scotland	Full Day	TRN-00264
November	23.11.2023	Soleal Next FZ75 window suite	Wakefield	Half Day	TRN-00261
November	23.11.2023	Soleal Next PZ75 door	Wakefield	Half Day	TRN-00263
December	05.12.2023	Soleal Next FZ75 window suite	Tewkesbury	Half Day	TRN-00261
December	05.12.2023	Soleal Next PZ75 door	Tewkesbury	Half Day	TRN-00263
December	12.12.2023	Tental 50/60 Curtain Wall	East Midlands	Full Day	TRN-00264
December	13.12.2023	Sliding Systems	East Midlands	Full Day	TRN-00290
December	14.12.2023	Soleal Next FZ75 window suite	East Midlands	Half Day	TRN-00261
December	14.12.2023	Soleal Next PZ75 door	East Midlands	Half Day	TRN-00263
December	19.12.2023	Tental 50/60 Curtain Wall	Wakefield	Full Day	TRN-00264

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

# TECHDESIGN

## / SOFTWARE TRAINING

TECHDESIGN is a software package 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 (Estimate)
- Material Order/Glass order
- Cutting List, Manufacturing Lists, U-Value reports etc.



# TECHDESIGN TRAINING CALENDAR\*

MONTH	DATES	TITLE	LOCATION	DURATION	TRAINING NUMBER
January	04/01/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
January	18/01/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
January	31/01/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
February	15/02/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
March	01/03/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
March	15/03/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
March	28/03/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
April	11/04/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
April	26/04/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
May	10/05/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
May	24/05/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
June	07/06/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
June	20/06/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
July	04/07/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
July	18/07/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
August	01/08/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
August	16/08/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
August	30/08/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
Septmeber	13/09/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
Septmeber	27/09/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
October	10/10/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
October	24/10/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
November	07/11/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
November	21/11/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248
December	06/12/2023	TechDesign V8.2	Tewkesbury	Two Days	TRN-00248
December	20/12/2023	TechDesign V8.2	Wakefield	Two Days	TRN-00248

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

# 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 Number' and date shown in the calendar. Next visit the Technal UK website **technal.co.uk** and navigate to the 'Training Sessions' page where you can request training for both TechDesign and Product Introduction.

Alternatively you can email your requests for training to **hbstraininguk@hydro.com** including the training number, date and the names and email addresses of those attending.

Spaces on each event may be limited to a maximum of three per company and allocated on a first come first served basis.

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

Requests for training should be sent no later than two 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  
Cedar Court Office Park,  
Denby Dale Road, Wakefield  
WF4 3FU

[info.uk@technal.com](mailto:info.uk@technal.com)

London Office  
The Building Centre  
26 Store Street, London  
WC1E 7BT

[www.technal.co.uk](http://www.technal.co.uk)