SPECIALISATION 19 / 22

Concrete Cutting & Core Drilling

Coordinate controlled openings for construction and service interfaces through a defined specialist cutting package. Work starts with approved positions, structural and utility clearance, access and containment, connecting diamond cutting or drilling with support, removal and the documented preparation of finished openings.



From scope review to documented handover

Illustrative application imagery. Project design, selected system and contractual scope govern execution.

EXPERIENCE BEHIND THE WORK

How the package is delivered

20+

Ædra brings together personal construction know-how developed through subcontracting in Italy since 2006 and construction coordination in Denmark. More than twenty years refers to the experience of the leadership and team. Delivery is organised around the agreed work package, current design and contractual responsibilities.

01 Clear scope

Agree materials, quantities, boundaries, access, interfaces and acceptance criteria before mobilisation.

02 Coordinated execution

Connect work fronts, competent teams, materials, supervision and inspections with the project programme.

03 Documented handover

Record agreed checks, concealed interfaces, deviations and corrective actions before package close-out.

SOLUTIONS AND APPLICATIONS

Four distinct work packages



01 Opening surveys and clearance

Coordinate marked positions with current drawings, structural review and the agreed utility and reinforcement survey. Record the release decision and identify any excluded zones before the specialist prepares cutting or drilling operations.

02 Specialist core drilling

Arrange drilling access and coordinate the specialist’s fixing, containment and support method. Confirm isolation responsibilities and the condition on both sides of the opening, retaining the approved position and diameter throughout execution.

03 Controlled saw-cut openings

Plan specialist saw cuts as a supported sequence with approved boundaries and handling arrangements. Coordinate temporary support, exclusion zones and removal of cut sections so that existing construction and adjacent finishes remain protected.

04 Containment and opening handover

Coordinate dust or slurry control, collection, waste routes and cleaning interfaces with site operations. Record each completed opening and its condition, preparing it for the agreed follow-on service, lining or firestopping package.

EXECUTION AND QUALITY CONTROLS

Technical delivery / control points

01 Opening surveys and clearance

DELIVERY METHOD

Coordinate marked positions with current drawings, structural review and the agreed utility and reinforcement survey. Record the release decision and identify any excluded zones before the specialist prepares cutting or drilling operations.

QUALITY CONTROL

Verify approved location, structural and service clearance, survey coverage and hold-point release; stop dependent work when information or acceptance is missing.

02 Specialist core drilling

DELIVERY METHOD

Arrange drilling access and coordinate the specialist’s fixing, containment and support method. Confirm isolation responsibilities and the condition on both sides of the opening, retaining the approved position and diameter throughout execution.

QUALITY CONTROL

Check location, diameter, edge condition, support arrangements and service clearance; record completed openings and notify the following trade of any observed deviation.

EXECUTION AND QUALITY CONTROLS

Technical delivery / control points

03 Controlled saw-cut openings

DELIVERY METHOD

Plan specialist saw cuts as a supported sequence with approved boundaries and handling arrangements. Coordinate temporary support, exclusion zones and removal of cut sections so that existing construction and adjacent finishes remain protected.

QUALITY CONTROL

Check cut limits, release sequence, temporary support and piece handling; retain the designer’s clearance and record the opening condition before handover.

04 Containment and opening handover

DELIVERY METHOD

Coordinate dust or slurry control, collection, waste routes and cleaning interfaces with site operations. Record each completed opening and its condition, preparing it for the agreed follow-on service, lining or firestopping package.

QUALITY CONTROL

Inspect dimensions, edge condition, cleanliness and protection; identify responsibility for subsequent sealing, reinforcement or finishing rather than assuming those works are included.

MATERIALS AND TRADE INTERFACES

Details that govern the package

We structure the cutting package around marked openings, the responsible designer’s acceptance and verified information about existing services and reinforcement. A competent specialist establishes the cutting method, equipment, support and handling sequence within the agreed scope. Planning coordinates safe access, isolation responsibilities, dust or slurry containment, exclusion zones and removal of cut pieces. No cutting or drilling proceeds without the required structural and utility clearance. Inspection records confirm opening position, dimensions, condition and handover to the following trade. Structural design and reserved installation work remain with their appointed responsible parties.

INFORMATION FOR YOUR PROPOSAL

Approved opening drawings, structural clearance, utility and reinforcement surveys, access, containment requirements and specialist method.

Responsibilities and competent execution

Design decisions, structural changes and regulated installation work remain with the appointed competent parties. Electrical, plumbing, gas, sewer and asbestos activities requiring authorisation are assigned to appropriately authorised businesses. The agreed Ædra scope identifies the construction work, support and coordination included.

PROGRAMME / QA-QC / HSE

A delivery process that can be followed

01 Scope and drawing review

Confirm work boundaries, current revisions, access and acceptance criteria.

02 Materials and work fronts

Coordinate delivery slots, material protection, interfaces and sequencing.

03 First installation

Inspect a representative first-off detail before repeating the work.

04 Inspection and concealment

Record the agreed quality checks and release concealed interfaces before closure.

05 Safety and follow-up

Coordinate task risks, suitable access and competent supervision with the project arrangements.

06 Close-out and handover

Resolve deviations and defects, identify outstanding items and deliver the agreed records.

DEFINE YOUR WORK PACKAGE

From scope review to documented handover

Coordinate controlled openings for construction and service interfaces through a defined specialist cutting package. Work starts with approved positions, structural and utility clearance, access and containment, connecting diamond cutting or drilling with support, removal and the documented preparation of finished openings.

INFORMATION FOR YOUR PROPOSAL

Approved opening drawings, structural clearance, utility and reinforcement surveys, access, containment requirements and specialist method.

AGREED COMPLETION EVIDENCE

Drawing and revision references; material and product records; inspection checks; photographs of concealed interfaces where agreed; deviations and corrective actions; outstanding items; and the agreed handover documents.

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Illustrative application imagery. Project design, selected system and contractual scope govern execution.

ÆDRA

SYNERA GROUP

Explore all 22 Ædra work areas

09 Civil works & foundation excavation

10 Precast & prefabricated element installation

02 Drywall, X-ray linings & specialist interiors

04 Suspended & airtight ceilings

05 Timber acoustic ceilings & wall cladding

14 Flooring & finishes

15 Painting & surfaces

16 Doors, windows & joinery

17 Masonry, plastering & tiling

18 Renovation & fit-out

06 Ventilation and ductwork

07 Plumbing, pipework & mechanical interfaces

08 Electrical interfaces & builders' works

12 Technical pipe insulation

13 Cladding & ventilated façades

03 Vapour barriers & airtightness

01 Passive fire protection & firestopping

11 Site management, QA/QC & delivery support

19 Cutting & core drilling

20 Roofing & waterproofing

21 ETICS & rendered façades

22 Selective strip-out