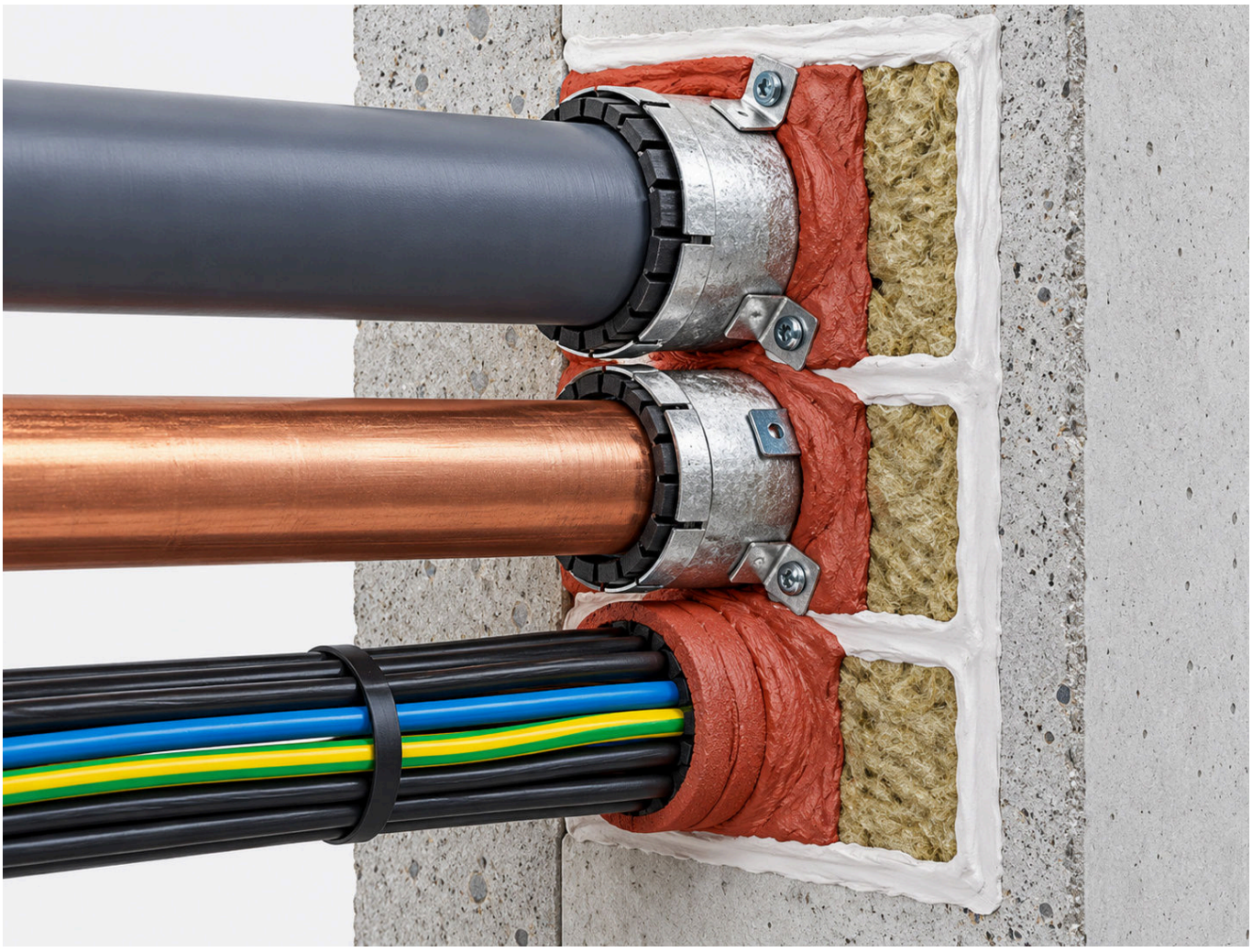
ÆDRA

CONSTRUCTION & TECHNICAL SERVICES

SPECIALISATION 01 / 22

PASSIVE FIRE PROTECTION

Safeguarding people and buildings



FROM PLANNING TO DOCUMENTED HANDOVER

PLAN / BUILD / COORDINATE / DELIVER

info@synera.dk

ABOUT ÆDRA AND OUR DELIVERY METHOD

EXPERIENCE BEHIND THE WORK

20+ **years of combined professional construction experience**

Ædra ApS brings together professional know-how developed through subcontracting in Italy since 2006 and construction management, coordination and delivery in Denmark. This experience belongs to the team and leadership; it is not a claim about the company's incorporation date.

WHAT CLIENTS CAN EXPECT

01 CLEAR SCOPE

Materials, trade boundaries, access requirements and responsibilities are agreed before mobilisation.

02 COORDINATED EXECUTION

Resources, sequencing, site supervision and inspections follow the project programme.

03 DOCUMENTED HANDOVER

Inspection records, concealed-work photographs and nonconformity close-out are tracked.

DANSK INDUSTRI (DI)

The companies' DI membership and applicable collective agreements are stated on the basis of company information. The relevant agreement depends on the employer, occupation and assignment. DI membership is not a technical certification.

SOLUTIONS AND APPLICATIONS

FOUR DISTINCT WORK PACKAGES

Every work package is defined through a buildable scope, clear interfaces, quality checks and documented completion.



01 Firestopping at pipe penetrations

Identify the pipe material, diameter, insulation and required compartment rating. Prepare the opening and install the specified tested seal with the correct depth, annular space and support arrangement.

02 Cable-tray and cable-bundle penetrations

Coordinate tray layout and cable fill before closing the compartment. Use a documented system suitable for future changes and the specified wall or slab.

03 Linear fire-rated joints

Survey movement and gap dimensions at concrete interfaces and adjacent partitions. Install the specified backing and sealant to the tested joint configuration.

04 Fire protection at structural interfaces

Coordinate specialist protection at beams, columns and service zones with access for other trades. Apply only the project-approved build-up.

EXECUTION AND QUALITY CONTROLS

TECHNICAL DELIVERY / CONTROL POINTS

01 Firestopping at pipe penetrations

INSTALLATION / DELIVERY METHOD

Identify the pipe material, diameter, insulation and required compartment rating. Prepare the opening and install the specified tested seal with the correct depth, annular space and support arrangement.

QUALITY HOLD POINT

Confirm approved system reference, penetration dimensions, surface preparation, labelling and photographic evidence before concealment.

02 Cable-tray and cable-bundle penetrations

INSTALLATION / DELIVERY METHOD

Coordinate tray layout and cable fill before closing the compartment. Use a documented system suitable for future changes and the specified wall or slab.

QUALITY HOLD POINT

Inspect support spacing, seal continuity, permitted fill ratio and identification of the sealed opening.

EXECUTION AND QUALITY CONTROLS

TECHNICAL DELIVERY / CONTROL POINTS

03 Linear fire-rated joints

INSTALLATION / DELIVERY METHOD

Survey movement and gap dimensions at concrete interfaces and adjacent partitions. Install the specified backing and sealant to the tested joint configuration.

QUALITY HOLD POINT

Record gap range, movement capability, substrate condition, material batch and complete seal continuity.

04 Fire protection at structural interfaces

INSTALLATION / DELIVERY METHOD

Coordinate specialist protection at beams, columns and service zones with access for other trades. Apply only the project-approved build-up.

QUALITY HOLD POINT

Check thickness, continuity, fixings, protected areas and documented system classification.

MATERIALS AND TRADE INTERFACES

DETAILS THAT MAKE DELIVERY RELIABLE

Confirm the design intent before installation; record concealed interfaces; release the next trade only when the relevant quality hold point is closed.



FOUR CRITICAL INTERFACE QUESTIONS

01 Approved substrate and loads

02 Material and system selection

03 Trade and service interfaces

04 Inspection and handover evidence

SYSTEM REQUIREMENT: Dimensions, classifications, installation approvals and permissible activities are established by the project design and the selected manufacturer's documented system.

PROGRAMME / QA-QC / HSE

A DELIVERY PROCESS THAT CAN BE VERIFIED

01 PROJECT DEFINITION

Scope boundaries, design revisions, materials and acceptance criteria.

02 PLANNING & LOGISTICS

Access, sequence, deliveries, interfaces and temporary works.

03 FIRST INSTALLATION

Inspect first-off work or a representative mock-up before repetition.

04 ROUTINE INSPECTIONS

Photographs, dimensions and records of work that will be concealed.

05 DEFECTS & FOLLOW-UP

Assign observations, corrective actions and close-out responsibilities.

06 HANDOVER

Deliver checklists, relevant product records and the agreed dossier.

Safety arrangements and competence boundaries must be agreed for the assignment. Reserved electrical and plumbing installations must be undertaken and signed off by appropriately authorised contractors; Ædra may coordinate builders' works and installation support within its agreed scope.

ÆDRA

SPECIALISATION 01 / FIRE PROTECTION

FROM FIRST SET-OUT TO THE FINAL INSPECTION.

YOUR PARTNER FOR A COORDINATED PACKAGE

Ædra supports complex building projects through specialised execution, site coordination and documented quality. Share your project, drawings and programme so we can clarify scope and the next step together.

INFO@SYNERA.DK

SELECTED TECHNICAL REFERENCES

01 promat.com/da-dk/byggeri/vores-knowhow/ofte-stillede-sporgsmal/

02 rockwool.com/dk/

03 dbigroup.dk/

Images are illustrative and do not represent verified Ædra project references. Fire, acoustic, radiation shielding and structural performance must be checked against the approved project design and tested system details. Membership and collective agreements are stated from company information.

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