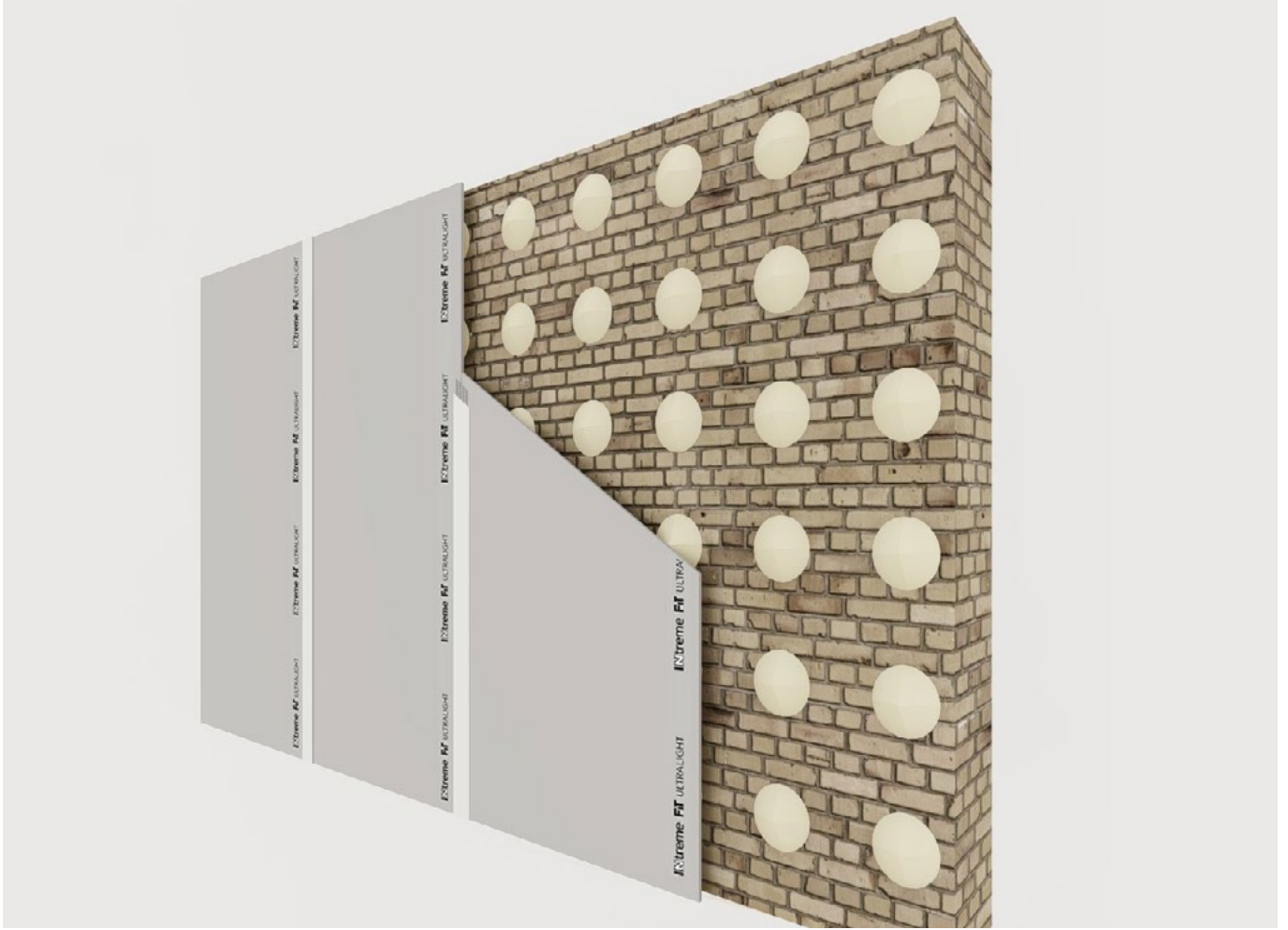


WALL LINING | DIRECT BONDING WALL LINING



This is a wall lining system in which Intreme/Intreme Fit Ultralight plasterboards directly bonded to the existing wall surface using ABS Adhesive Plaster.

FEATURES

- Provides a smooth surface quickly.
- Improves the fire resistance of the structural components covered by the wall lining system.

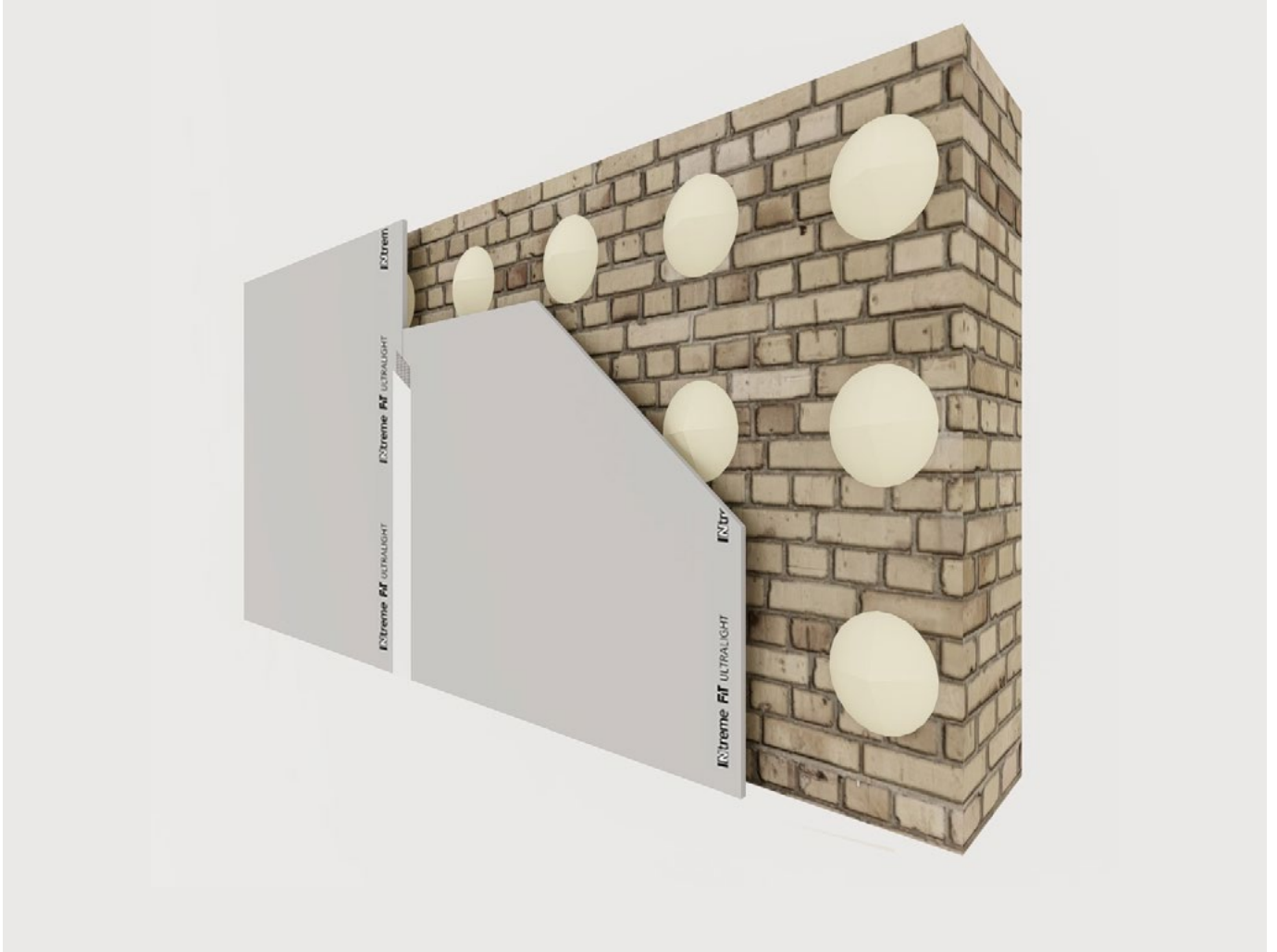
USAGE AREAS

- Renovation works
- Residential Buildings
- Business and shopping centers
- Hotels
- Hospitals

■ APPLICATION

- The location of the lining wall is determined in accordance with the architectural drawings and the lines where the plasterboards will be fixed is marked on the floor and ceiling.
- ABS Gypsum Board Adhesive Plaster is applied in four dabs along the long edges of the plasterboards at 40 cm intervals, and in four dabs along the short edges, then the boards are bonded to the existing wall surface.
- Where manpower is limited, ABS Gypsum Board Adhesive Plaster may also be applied directly to the existing wall surface.
- Before starting the coating application, all installation works (electrical, mechanical, etc.) shall be completed.
- Plasterboards are cut 10-15 mm shorter than the floor – to- ceiling height using a utility knife.
- The utility knife shall cut through the face paper and score into the core.
- The plasterboard shall then be snapped at the scored line by hand, and the back paper shall be cut with a utility knife.
- A wedge is placed beneath the plasterboard to create a 10-15 mm gap from the floor, while the upper edge is positioned as close to the ceiling as possible and bonded to the surface.
- The plasterboards are pressed against the surface using a straightedge and aligned to level.
- Chamfers are formed on the cut sides and short edges of the plasterboards using suitable tools before fixing.
- Self-adhesive fiberglass joint tape is centered and applied over the joints.
- Apply the first coat of ABS Joint Filler for Plasterboard generously over the tape to a width of approximately 10 cm using a spatula. Ensure full adhesion to the joint tape, and smooth with a steel trowel.
- After a minimum drying time of 2 hours, apply the second coat of ABS Joint Filler for Plasterboard with a steel trowel to a width of approximately 20 cm.

■ MATERIAL ANALYSIS



WALL LINING | DIRECT BONDING WALL LINING

MATERIAL ANALYSIS

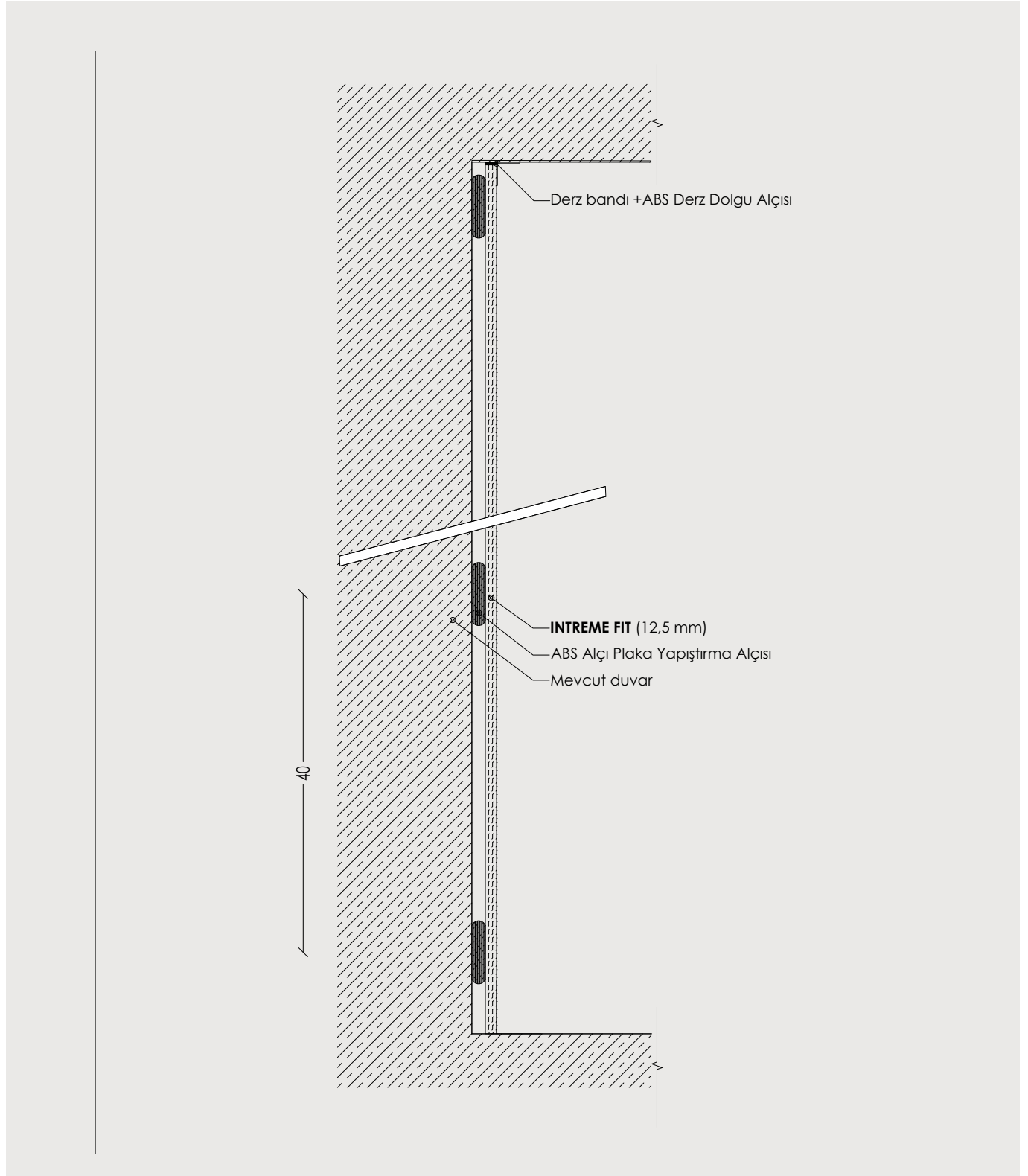
5% wastage was taken into account for a 1 m² lining wall with a height of 2.75 m. Quantities are approximate and may vary depending on project details.

Material Name	Quantity
Intreme/Intreme Fit Ultralight	1,05 m ²
ABS Gypsum Based Adhesive	See Consumption Table
Joint Tape	1,60 m
ABS Joint Filler for Plasterboard	0,40 kg
ABS Saten Finishing Plaster	1 kg/m ² for every 1 mm thickness
Insulation Material (Optional)	1,05 m ²
Perforated corner profile corner tape	Depends on the result (floor height)x(number of corners)

Consumption Table

Surface Type	Consumption (kg/m ²)
Gross Concrete	1,5-2,0
Rough Plaster	2,0-2,5
Aerated Concrete	2,5-3,0
Bims Block	3,0-5,0
Brick	3,0-5,0

■ DETAIL DRAWINGS



■ SPECIFICATION

Carry out the works in accordance with the approved project drawings and detail specifications; Apply ABS Plasterboard Adhesive Plaster mortar to the rear face of the plasterboard panel in a minimum of four dabs across the width and at maximum 400mm centres along the length. Fix Intreme/Intreme Fit Ultralight plasterboards in accordance with TS EN 520 ensuring tight joints and no gap between the top edge of the boards and the ceiling; Pre-fill all joints or gaps exceeding 5 mm using ABS Plasterboard Joint Filler Plaster; Apply joint filler compound over the tape and finish ready to receive final decoration. The unit rate per m² shall include all materials, material waste, labour, loading at site, horizontal and vertical transportation, unloading, contractor's overheads and profit, and all other costs associated with constructing the partition wall, including the application of joint filler over the joint tape.

WARNINGS

- Corner profiles or corner tape shall be used to ensure the vertical alignment and smoothness of wall corners and to improve impact resistance.
- Joint tape and joint filler plaster shall be used on plasterboard joints.
- Before fixing adhesive drywalls to uneven existing walls, the walls shall be leveled by preliminary wedging.

STANDARDS

- TS EN 520 Plasterboards - Definitions, Requirements and Test Methods
- TS EN 13963 Joint Materials - For Plasterboards - Recipes, Requirements and Test Methods
- TS EN 14195 Metal Frame Components Used in Plasterboard Systems
- TS 1475-2 Gypsum plasterboard applications - Part 2: Lining wall application rules
- TS 1475-4 Gypsum plasterboard applications - Part 4: Finishing works application rules