



Sample Project

Knauf Drywall

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Kent
ME10 3HW

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K10 PLASTERBOARD DRY LININGS / PARTITIONS / CEILINGS

To be read with Preliminaries / General conditions.

2 Hour Firewall**TYPE A: SINGLE FRAME METAL STUD PARTITION SYSTEM**

- Manufacturer and reference: Knauf Drywall Partition System.
- Nominal Thickness (excluding finishes): 100mm

Performance Criteria:–

- Fire Resistance BS476: 2.0hr(s)
- Sound Insulation: 43dB
- Duty Rating (BS 5234: Parts 1&2): Heavy
- Maximum Height: 3000mm
- Head condition: Deflection
- Head deflection allowance: 15mm

Construction:–

- Metal Framing: Single frame of Knauf 50mm (0.55mm) C–Studs @ 600mm centres. Knauf 50mm U–Channel for head/base track. For deflection details (if required) up to 35mm use Deep Flange head track, above 35mm use specialist head track to suit. Flat Plate to all horizontal joints and deflection head detail (if required).
- Board Lining: 2 layer(s) each side of 12.5mm Knauf Fireshield, SE for Skimming, TE for tape and joint.
- Screws: 25mm Knauf Drywall Screws for the inner layer, 42mm Knauf Drywall Screws for outer layer.
- Sealant: Knauf Sealant (or Intumescent mastic where appropriate).
- Finishing: Taped seamless jointing using Knauf Joint Cement Easy Sand
- Primer/sealer: Knauf Wallboard Primer for taped and jointed finish (two coats for vapour resistance).
- Accessories: Knauf corner beads and edge beads.
- Other requirements: System to be installed in accordance with Knauf Drywall recommendations and technical literature. In areas of high humidity, Knauf moisture resistant plasterboard is to be used. (refer to architects drawings). Knauf Betokontakt used as primer on moisture resistant boards prior to a skim finish. Fire and acoustic stopping/sealing around service penetrations and openings as per Knauf guidelines.
- Consult Knauf Drywall Technical Department for details used when fixing items to wall, or where system is partially boarded.

Notes:–

- none

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1/2 hour Internal**TYPE A: SINGLE FRAME METAL STUD PARTITION SYSTEM**

- Manufacturer and reference: Knauf Drywall Acoustic Stud Partition System.
- Nominal Thickness (excluding finishes): 75mm

Performance Criteria:–

- Fire Resistance BS476: 0.5hr(s)
- Sound Insulation: 40dB
- Duty Rating (BS 5234: Parts 1&2): Medium
- Maximum Height: 2400mm
- Head condition: Normal
- Head deflection allowance: none

Construction:–

- Metal Framing: Single frame of Knauf 50mm (0.55mm) Acoustic C–Studs @ 600mm centres. Knauf 50mm U–Channel for head/base track. For deflection details (if required) up to 35mm use Deep Flange head track, above 35mm use specialist head track to suit.
- Flat Plate to all horizontal joints and deflection head detail (if required).
- Board Lining: 1 layer(s) each side of 12.5mm Knauf Soundshield.
- Screws: 25mm Knauf Drywall Screws.
- Sealant: Knauf Sealant (or Intumescent mastic where appropriate).
- Finishing: Knauf FP90 plaster skim 2–5mm
- Primer/sealer: Knauf Wallboard Primer for taped and jointed finish (two coats for vapour resistance).
- Accessories: Knauf corner beads and edge beads.
- Other requirements: System to be installed in accordance with Knauf Drywall recommendations and technical literature. In areas of high humidity, Knauf moisture resistant plasterboard is to be used. (refer to architects drawings). Knauf Betokontakt used as primer on moisture resistant boards prior to a skim finish. Fire and acoustic stopping/sealing around service penetrations and openings as per Knauf guidelines.
- Consult Knauf Drywall Technical Department for details used when fixing items to wall, or where system is partially boarded.

Notes:–

- none

K10 PLASTERBOARD DRY LININGS / PARTITIONS / CEILINGS

To be read with Preliminaries / General conditions.

1 hour Internal**TYPE A: SINGLE FRAME METAL STUD PARTITION SYSTEM**

- Manufacturer and reference: Knauf Drywall Partition System.
- Nominal Thickness (excluding finishes): 75mm

Performance Criteria:–

- Fire Resistance BS476: 1.0hr(s)
- Sound Insulation: 42dB
- Duty Rating (BS 5234: Parts 1&2): Medium
- Maximum Height: 2400mm
- Head condition: Deflection
- Head deflection allowance: 15mm

Construction:–

- Metal Framing: Single frame of Knauf 50mm (0.55mm) C–Studs @ 600mm centres. Knauf 50mm U–Channel for head/base track. For deflection details (if required) up to 35mm use Deep Flange head track, above 35mm use specialist head track to suit. Flat Plate to all horizontal joints and deflection head detail (if required).
- Board Lining: 1 layer(s) each side of 12.5mm Knauf Fireshield, SE for Skimming, TE for tape and joint.
- Cavity insulation: 25mm Knauf Crown Wool (19.5kg/m³).
- Screws: 25mm Knauf Drywall Screws.
- Sealant: Knauf Sealant (or Intumescent mastic where appropriate).
- Finishing: Taped seamless jointing using Knauf Joint Cement Easy Sand
- Primer/sealer: Knauf Wallboard Primer for taped and jointed finish (two coats for vapour resistance).
- Accessories: Knauf corner beads and edge beads.
- Other requirements: System to be installed in accordance with Knauf Drywall recommendations and technical literature. In areas of high humidity, Knauf moisture resistant plasterboard is to be used. (refer to architects drawings). Knauf Betokontakt used as primer on moisture resistant boards prior to a skim finish. Fire and acoustic stopping/sealing around service penetrations and openings as per Knauf guidelines.
- Consult Knauf Drywall Technical Department for details used when fixing items to wall, or where system is partially boarded.

Notes:–

- none

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Tall Corridor Partition**112 TYPE A: SINGLE FRAME METAL STUD PARTITION SYSTEM**

- Manufacturer and reference: Knauf Drywall Partition System.
- Nominal Thickness (excluding finishes): 120mm

Performance Criteria:–

- Fire Resistance BS476: 1.0hr(s)
- Sound Insulation: 46dB
- Duty Rating (BS 5234: Parts 1&2): Heavy
- Maximum Height: 4000mm
- Head condition: Normal
- Head deflection allowance: none

Construction:–

- Metal Framing: Single frame of Knauf 70mm (0.55mm) C–Studs @ 600mm centres. Knauf 70mm U–Channel for head/base track. For deflection details (if required) up to 35mm use Deep Flange head track, above 35mm use specialist head track to suit. Flat Plate to all horizontal joints and deflection head detail (if required).
- Board Lining: 2 layer(s) each side of 12.5mm Knauf Wallboard, SE for Skimming, TE for tape and joint.
- Screws: 25mm Knauf Drywall Screws for the inner layer, 42mm Knauf Drywall Screws for outer layer.
- Sealant: Knauf Sealant (or Intumescent mastic where appropriate).
- Finishing: Taped seamless jointing using Knauf Joint Cement Easy Sand
- Primer/sealer: Knauf Wallboard Primer for taped and jointed finish (two coats for vapour resistance).
- Accessories: Knauf corner beads and edge beads.
- Other requirements: System to be installed in accordance with Knauf Drywall recommendations and technical literature. In areas of high humidity, Knauf moisture resistant plasterboard is to be used. (refer to architects drawings). Knauf Betokontakt used as primer on moisture resistant boards prior to a skim finish. Fire and acoustic stopping/sealing around service penetrations and openings as per Knauf guidelines.
- Consult Knauf Drywall Technical Department for details used when fixing items to wall, or where system is partially boarded.

Notes:–

- none