

## WL507-K-60(25) – SPEEDLINE WALL LINING

**Type & Ref:** --  
Version V1(24/10/23) --

**SPEEDLINE Reference:** WL507-K-60(25)

### **Performance Overview:**

Fire Resistance (minutes): NA (Integrity/Insulation) BS 476 Part 22: 1987  
 Sound Insulation: NA R<sub>w</sub>dB  
 Maximum Height: NA.  
 Nominal Width: 20 -175 mm Dependent on bracket type used (background to face of channel).  
 Insulation: 25 mm APR.  
 Background: Masonry.

### **Steel Framing Detail:**

Perimeter Track: **SPEEDLINE SWL60** secured to perimeter of the room, in the centre of the profile at 600 mm maximum centres with suitable fixings  
 Wall Liner Section: Install row of **SPEEDLINE SWL507** Wall Liner Section friction fitted into tracks at 600 mm centres  
 Stand Off: 20 -175 mm Dependent on bracket type used (background to face of channel).  
 Brackets: Suitably fix brackets **AH185** (75 mm leg), **AH186** (125 mm leg) or **AH175** (175 mm leg), vertically at maximum 800 mm centres. Secure brackets to Wall Liner Section using **SPEEDLINE Wafer Head Drywall Screws**, one fixing to each side of bracket. Fold back excess bracket to provide flush finish for board lining.

### **Plasterboard linings:**

Inner Layer: 15 mm Knauf Soundshield Plus attached to room side of framing at 300 mm maximum centres with **25 mm SPEEDLINE Drywall Screws**.  
 Outer Layer: 15 mm Knauf Soundshield Plus attached to room side of framing at 300 mm maximum centres with **42mm SPEEDLINE Drywall Screws**.  
 Humid Areas: Replace with 15 mm Knauf Performance Plus attached to framing at 300 mm maximum centres with **42 mm SPEEDLINE Drywall Screws**.  
 Boarding Installation: All plasterboard joints to be staggered between layers.  
 Horizontal Board Joints: **SPEEDLINE PB24** Partition Brace or **FS24** Flat Bracing Strip required behind all horizontal board joints.

### **Finishes:**

Acoustic Seal: Skim plaster or taped & jointed (MR Boards to be taped & jointed only).  
 At junctions between partitions and any other air paths, apply a continuous bead of **SPEEDLINE Intumescent Sealant**, to clean dust free surfaces. Please Note: **SPEEDLINE Intumescent Sealant** is NOT compatible with Lubrizol cPVC pipes.

### **Accessories:**

**Service Support Plate AH174** & 18 mm Plywood for all pattresses.  
 Electrical socket openings should be considered as part of the fire stopping package and consideration should be given to meet the performances of the Partition/Lining system regarding fire and acoustic performance.

### **General Notes:**

To be installed in accordance with SPEEDLINE recommendations and relevant British standards including BS 8000-0:2014 and BS 8000-8:2023.  
 This document should be read in conjunction with clauses specified in original contract documentation. Flanking details to be appropriate to current requirements.

