



## **CLEAN ROOM WALL SYSTEMS**

**AABO AKUSTIK  
WALL SYSTEM**

2002-11-06

---

Postal address :

AABO AKUSTIK & HANDEL APS

E-mail

[fb@aaboakustik.com](mailto:fb@aaboakustik.com)

EJBYTOFTEN 5, 2600 GLOSTRUP - DENMARK

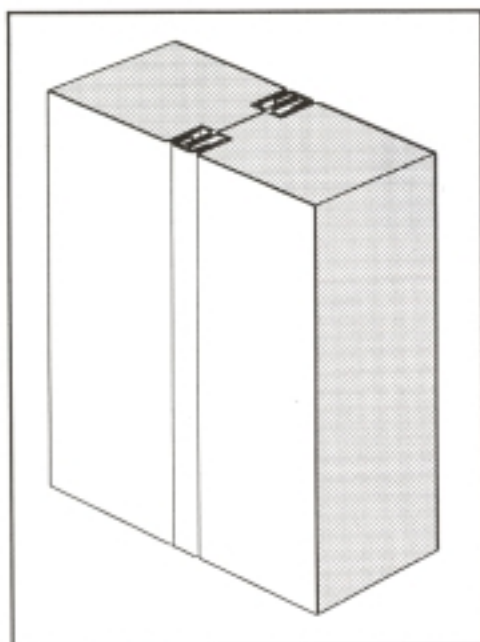
Home page

[www.aaboakustik.com](http://www.aaboakustik.com)

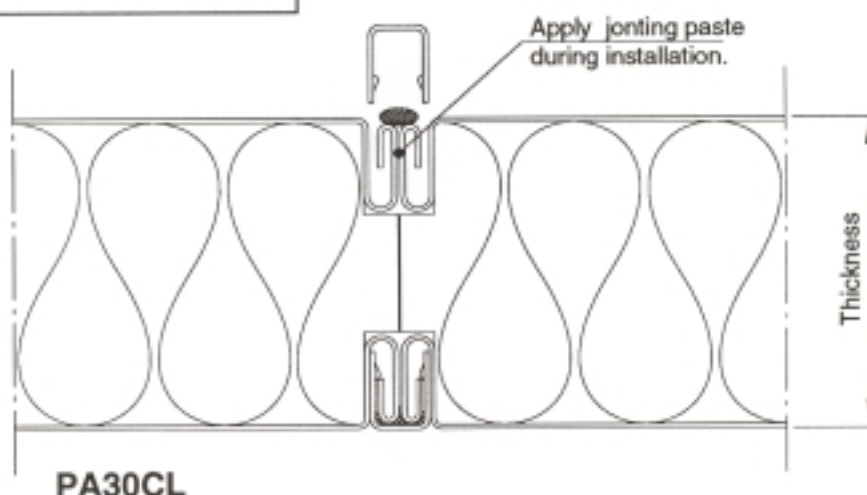


# Aabo Akustik

|                     |   |
|---------------------|---|
| Products            | 1 |
| Floor connection    | 2 |
| Corner connection   | 3 |
| Door installation   | 4 |
| Window installation | 5 |
| Ceiling             | 6 |
| Ceiling suspension  | 7 |
| Luminary            | 8 |



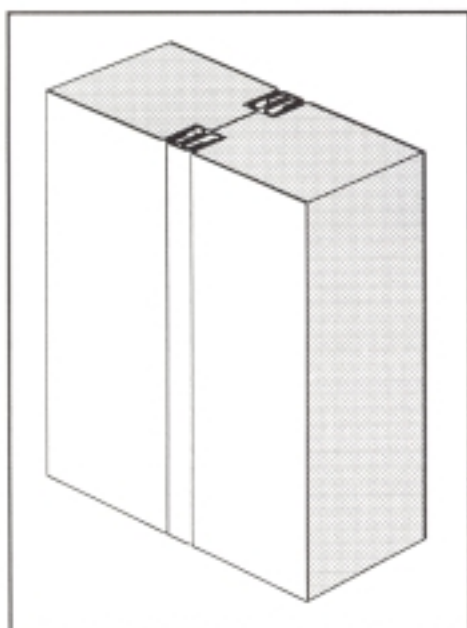
**Clean room panel with mineral wool insulation.**



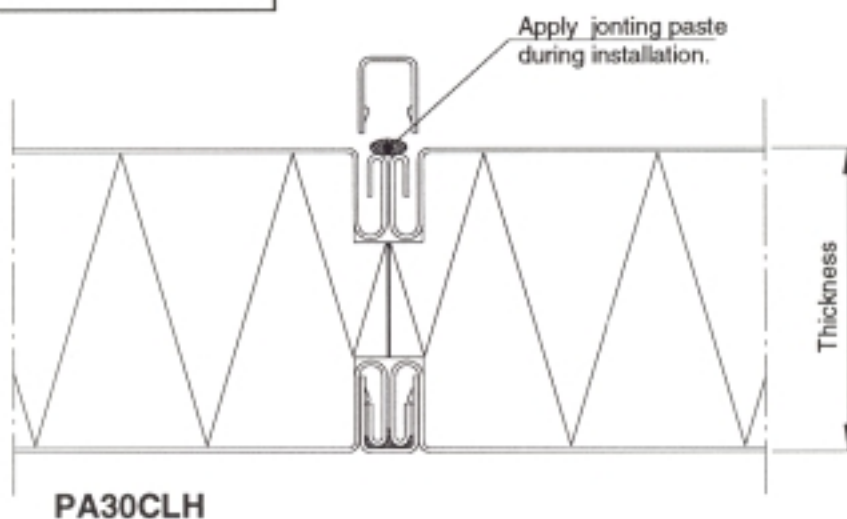
| PANEL                  | PA30CL50                 | PA30CL80                | PA30CL100               |
|------------------------|--------------------------|-------------------------|-------------------------|
| Thickness :            | 50 mm                    | 80 mm                   | 100 mm                  |
| Weight :               | 17,8 kg/sq.m             | 22.9 kg/sq.m            | 27,6 kg/sq.m            |
| Surface finish/        | Painted / 565, 1180 mm   | Painted / 565,1180 mm   | Painted / 565,1180 mm   |
| Modular width :        | PVC, Galv. / 590,1180 mm | PVC,Galv. / 590,1180 mm | PVC,Galv. / 590,1180 mm |
| Fire class :           | Incombustible            | El 60 *                 | El 60 *                 |
| Sound reduction :      | 30 dB la lab             | 30 dB la lab            | -                       |
| Coefficient of thermal |                          |                         |                         |
| Conductance :          | 0,96 W/sq.m C            | 0,67 W/sq.m C           | 0,44 W/sq.m C           |

\* Type approval certificate Nr: 4427/88

| TOLERANCES           | CORE MATERIAL                | SURFACE MATERIAL                             |
|----------------------|------------------------------|----------------------------------------------|
| Length : ± 5 mm      | Material : Mineral wool      | Material : Hot dipped galvanised steel sheet |
| Width : ± 1 mm       | Density : 170 kg/cu.m ± 10 % | Surface finish/: PVC,Galv. / 0,5 mm          |
| Thickness : +0/-1 mm |                              | Thickness Painted / 0.6 mm                   |



**Clean room panel  
with EPS insulation.**

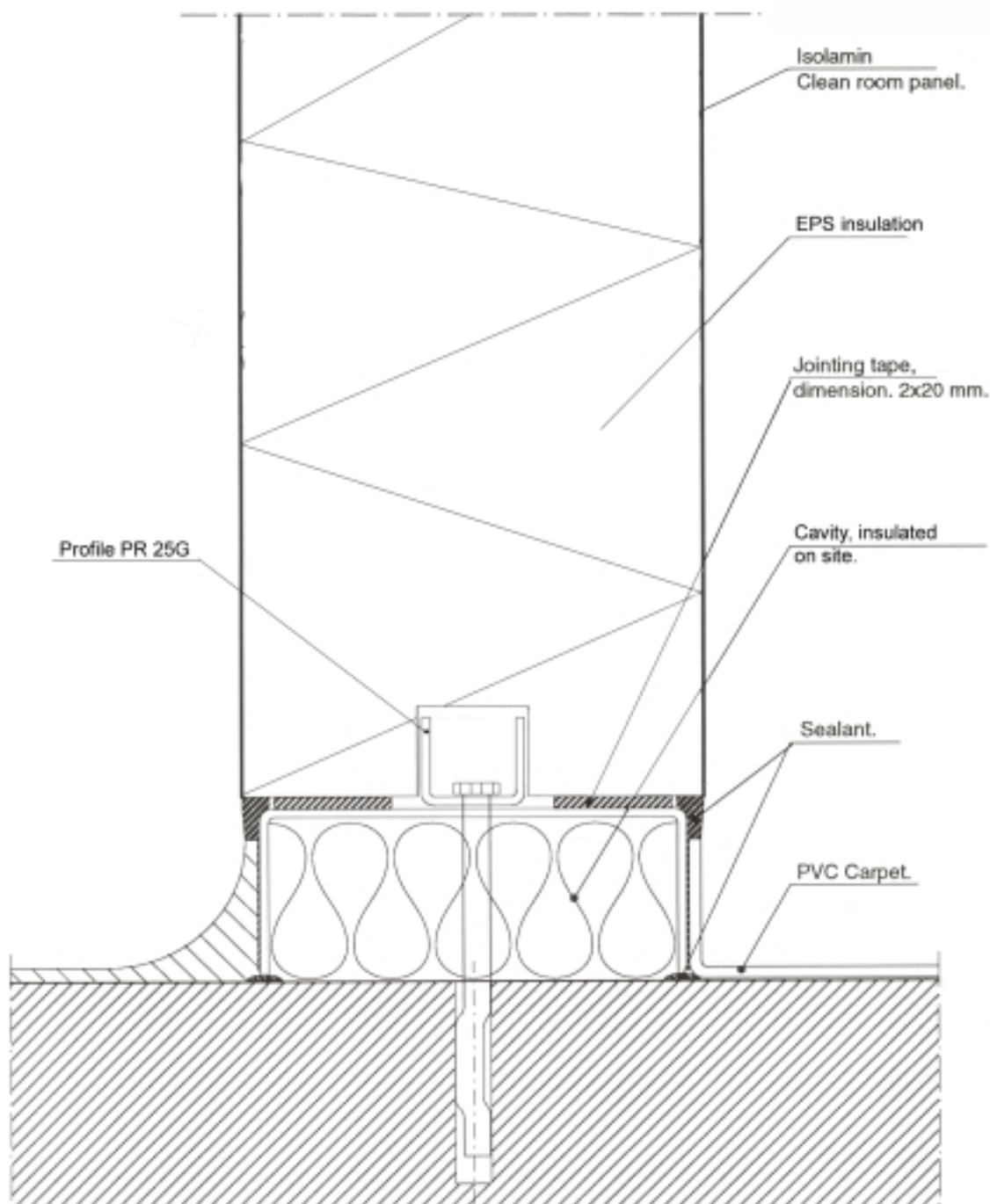


| PANEL                  | PA30CLH50              | PA30CLH80              |  |
|------------------------|------------------------|------------------------|--|
| Thickness :            | 50 mm                  | 80 mm                  |  |
| Weight :               | 11,7 kg/sq.m           | 12,3 kg/sq.m           |  |
| Surface finish/        | PVC, Galv. / 600 mm    | PVC, Galv. / 600 mm    |  |
| Modular width :        | Painted, Galv /1180 mm | Painted, Galv /1180 mm |  |
| Coefficient of thermal |                        |                        |  |
| Conductance :          | 0,62 W/sq.m C          | 0,41 W/sq.m C          |  |

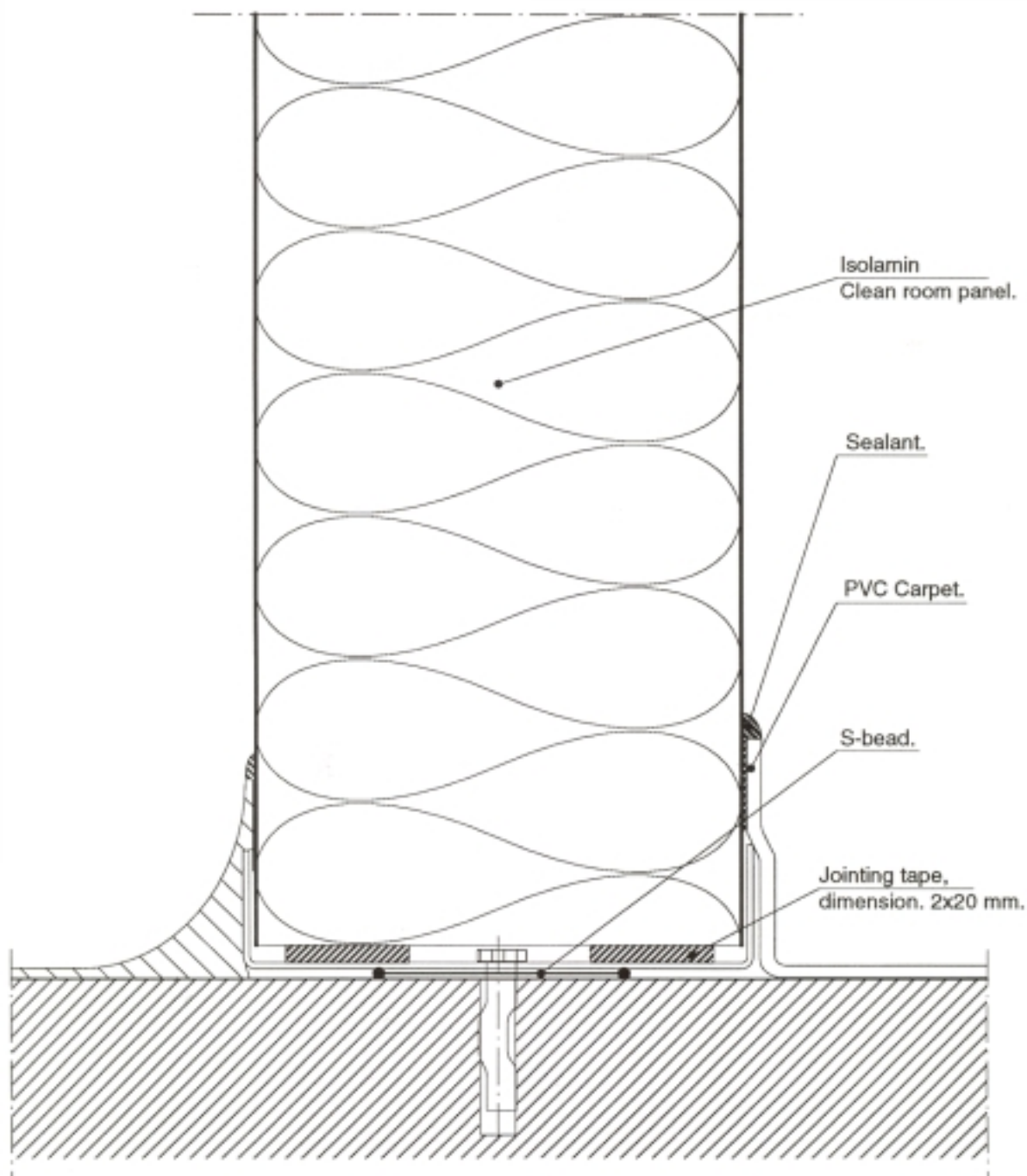
| TOLERANCES |            | CORE MATERIAL         | SURFACE MATERIAL                             |
|------------|------------|-----------------------|----------------------------------------------|
| Length     | : ± 5 mm   | Material : EPS        | Material : Hot dipped galvanised steel sheet |
| Width      | : ± 1 mm   | Density : ~20 kg/cu.m | Surface finish/: PVC,Galv. / 0,5 mm          |
| Thickness  | : +0/-1 mm |                       | Thickness Painted / 0.6 mm                   |

The technical information given in this publication was accurate in time for the publication. We will reserve us for changes which depends on our forth going product development. Latest available technical information regarding products will be given on request.

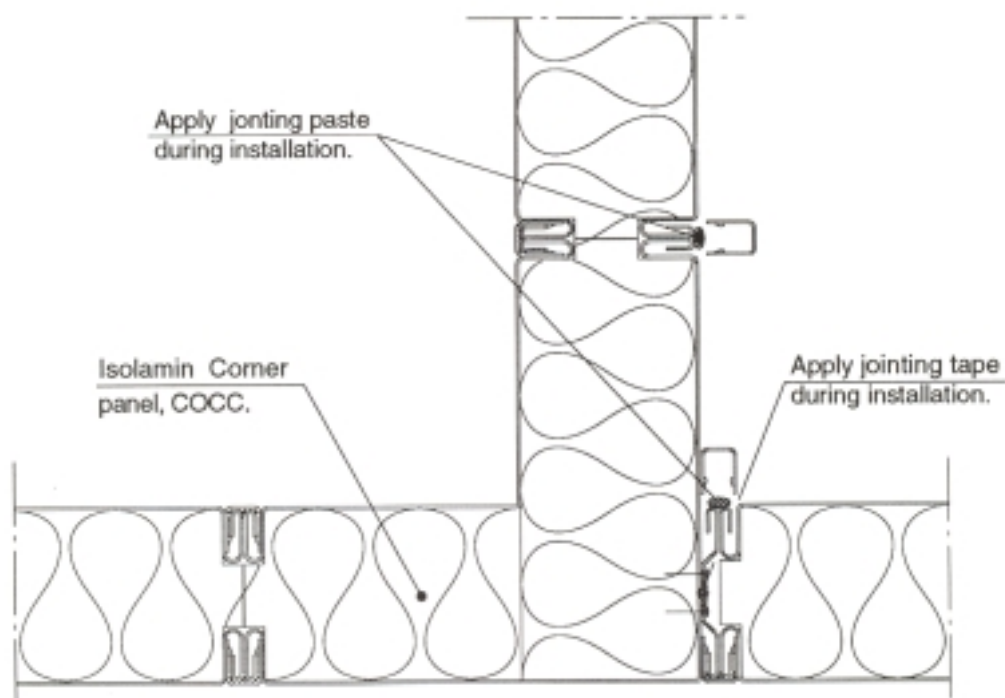
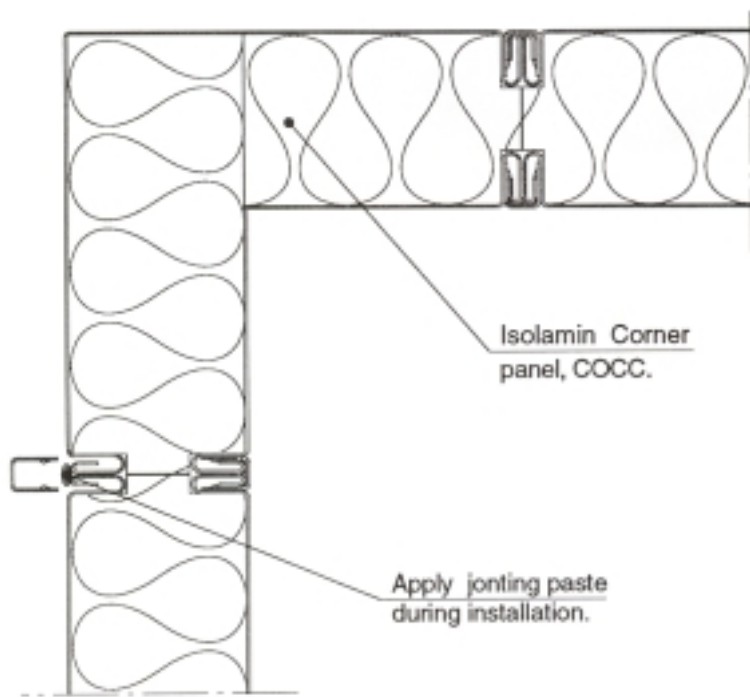
## Floor connection, alternative 1



**Floor connection,  
alternative 2.**

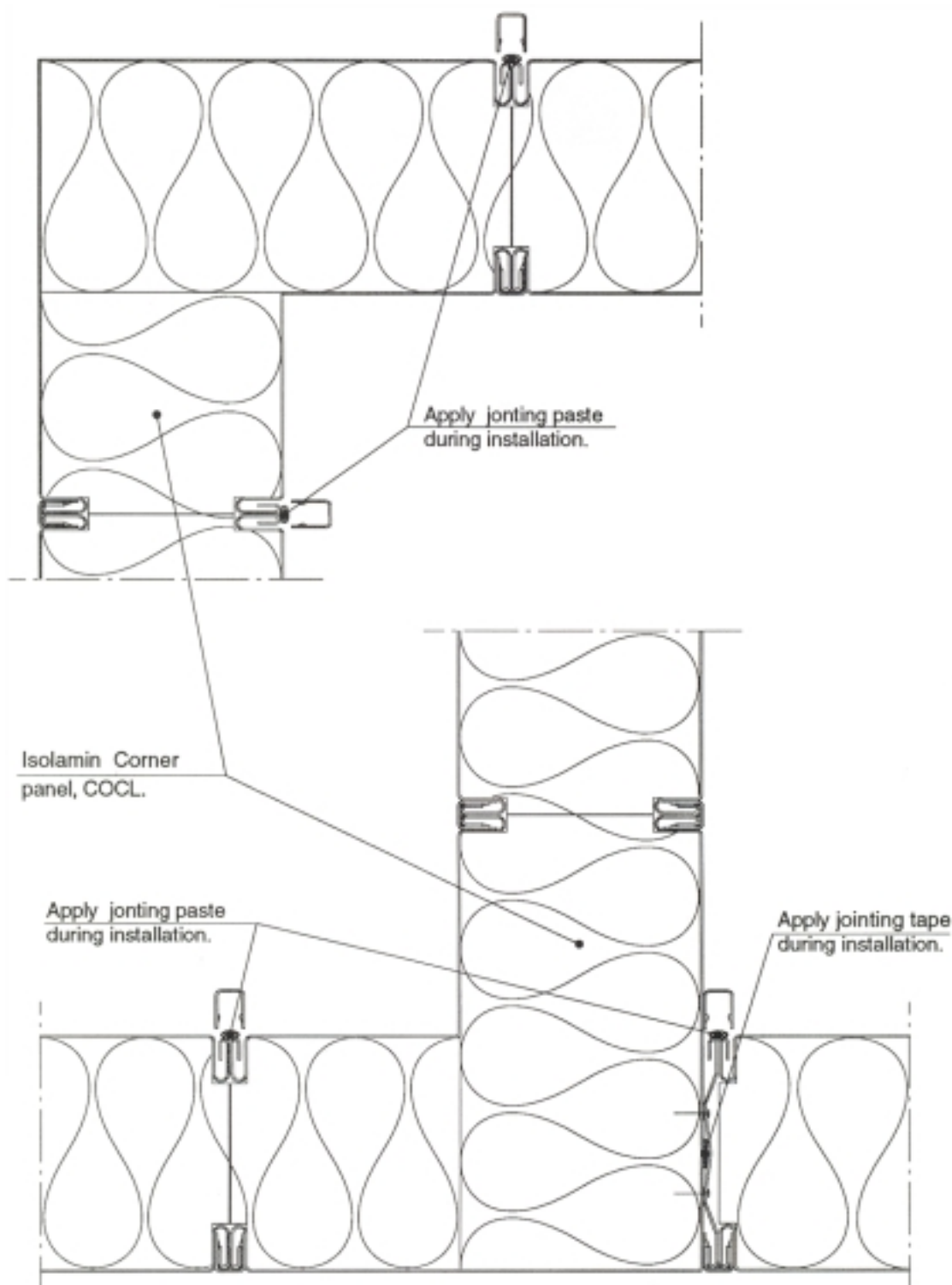


#### L-type and T-type corners, for 50 mm wall.





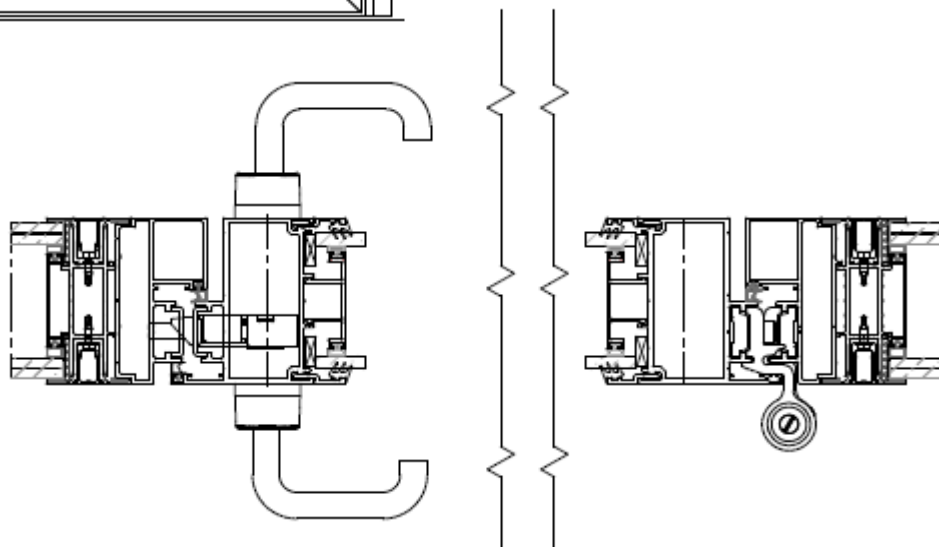
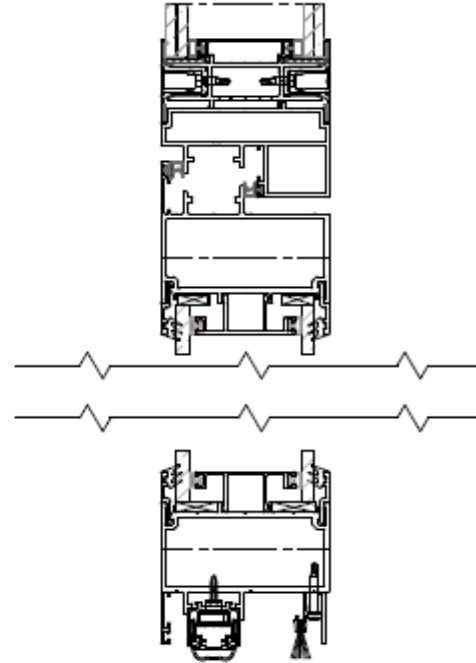
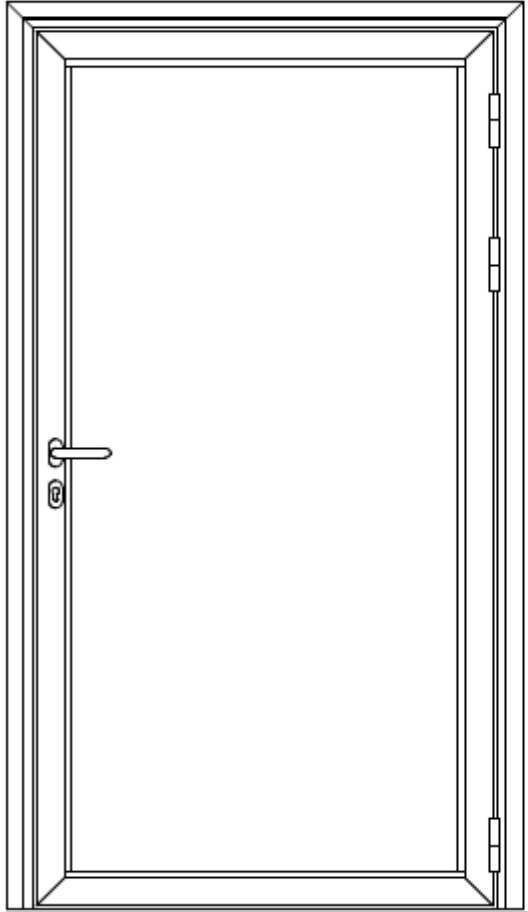
**L-type and T-type corners,  
for 80 mm wall.**

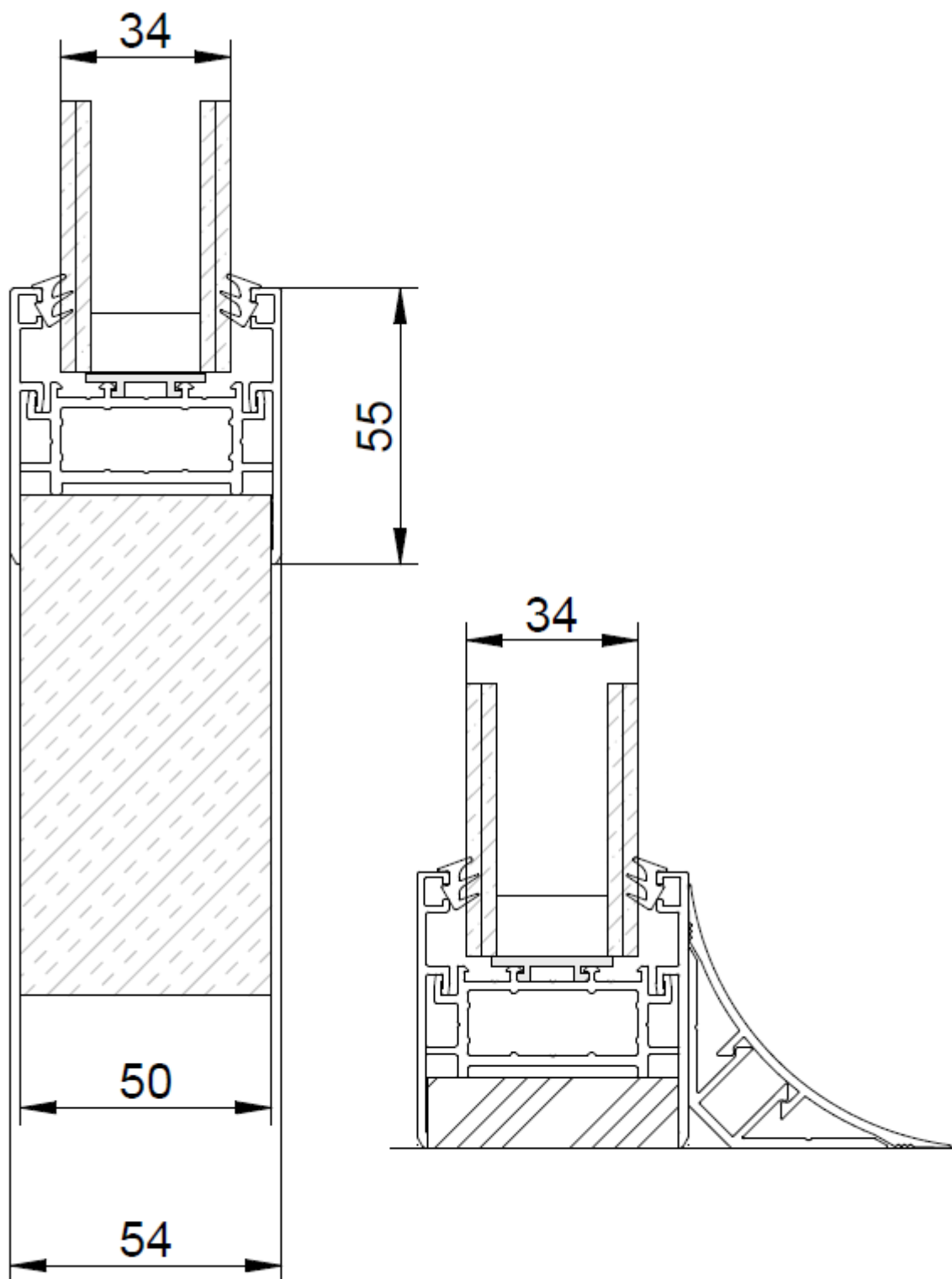


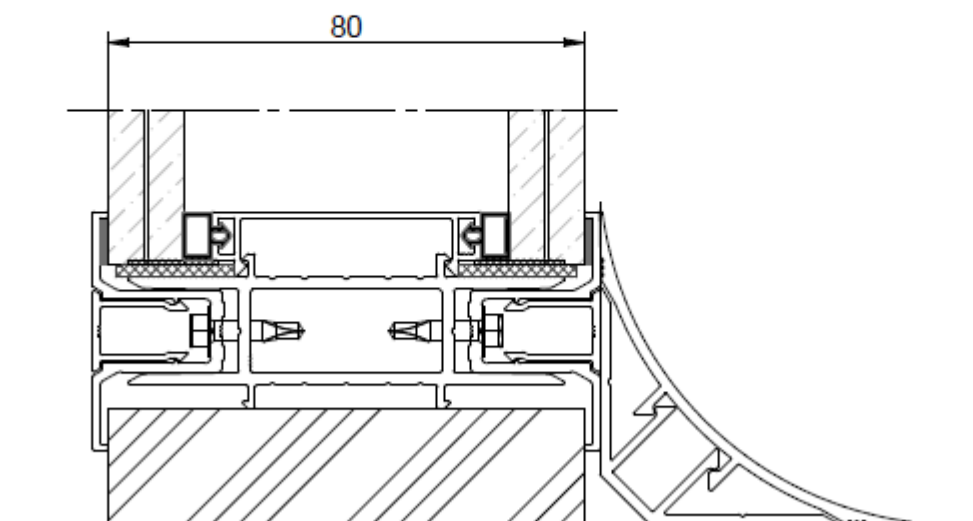
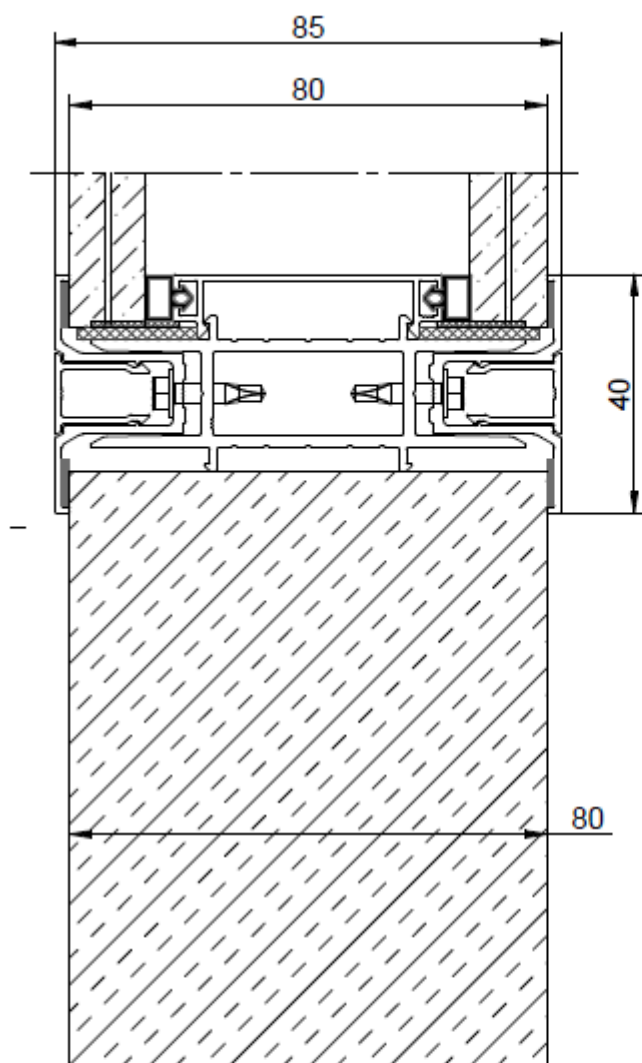


#### Double glazed aluminium frame door for Optimal Office 80

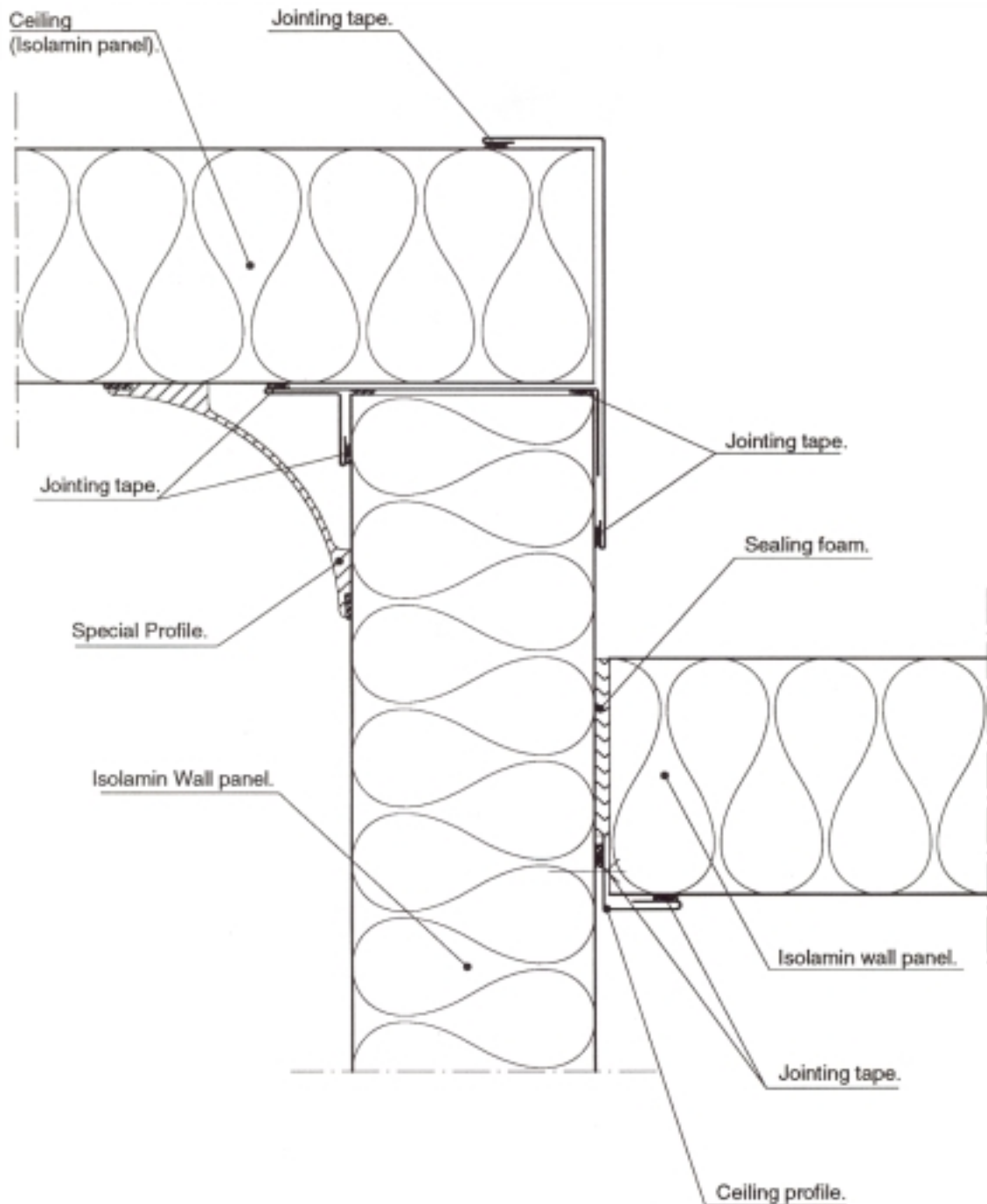
$33. + 33.1 \text{ Rw} = 42(-1,-6) \text{ dB}$   
 $33.1 + 44.2 \text{ Rw} = 44(-1,-4) \text{ dB}$   
 $44.2 + 44.2 \text{ Rw} = 44(-1,-3) \text{ dB}$



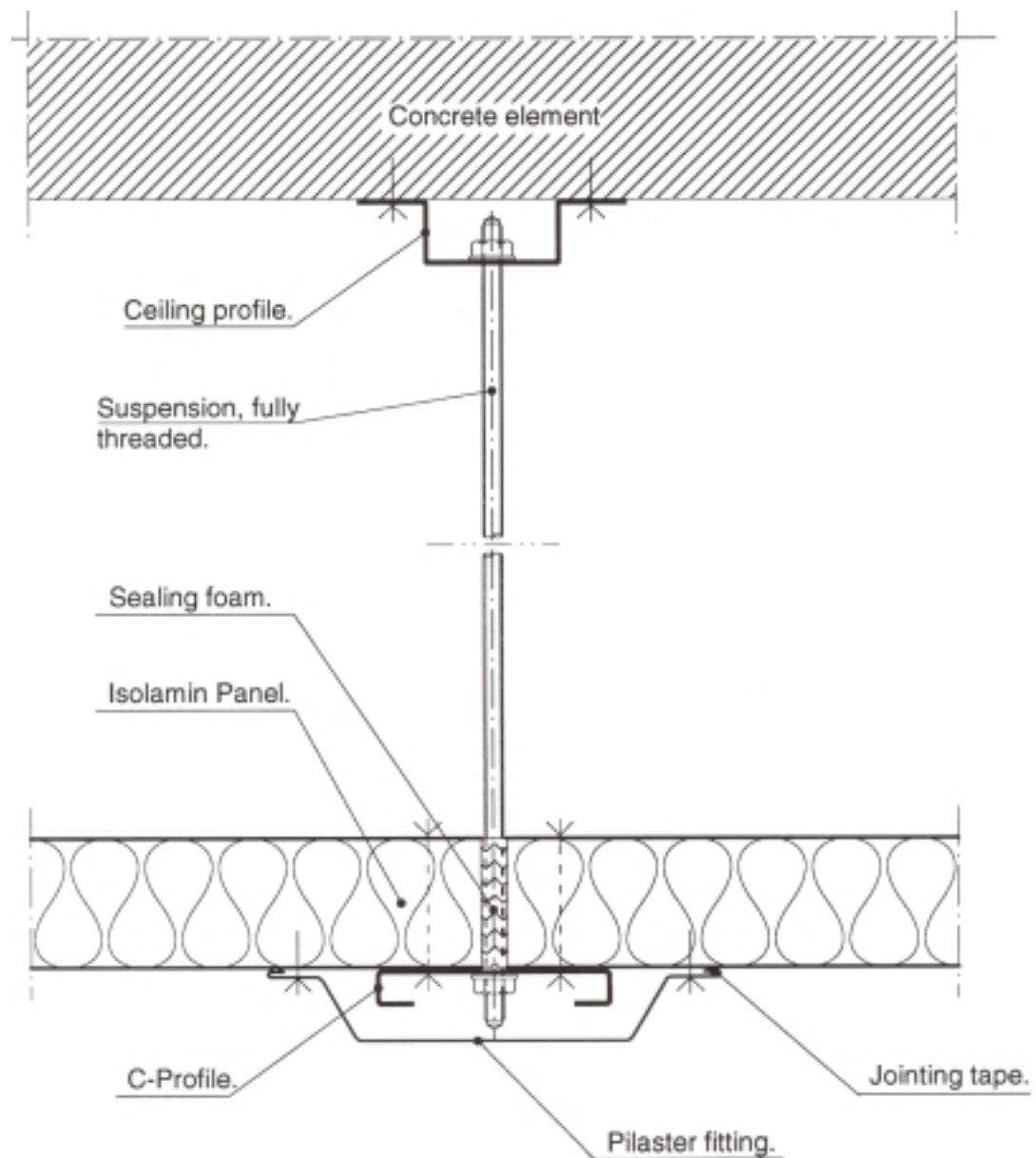




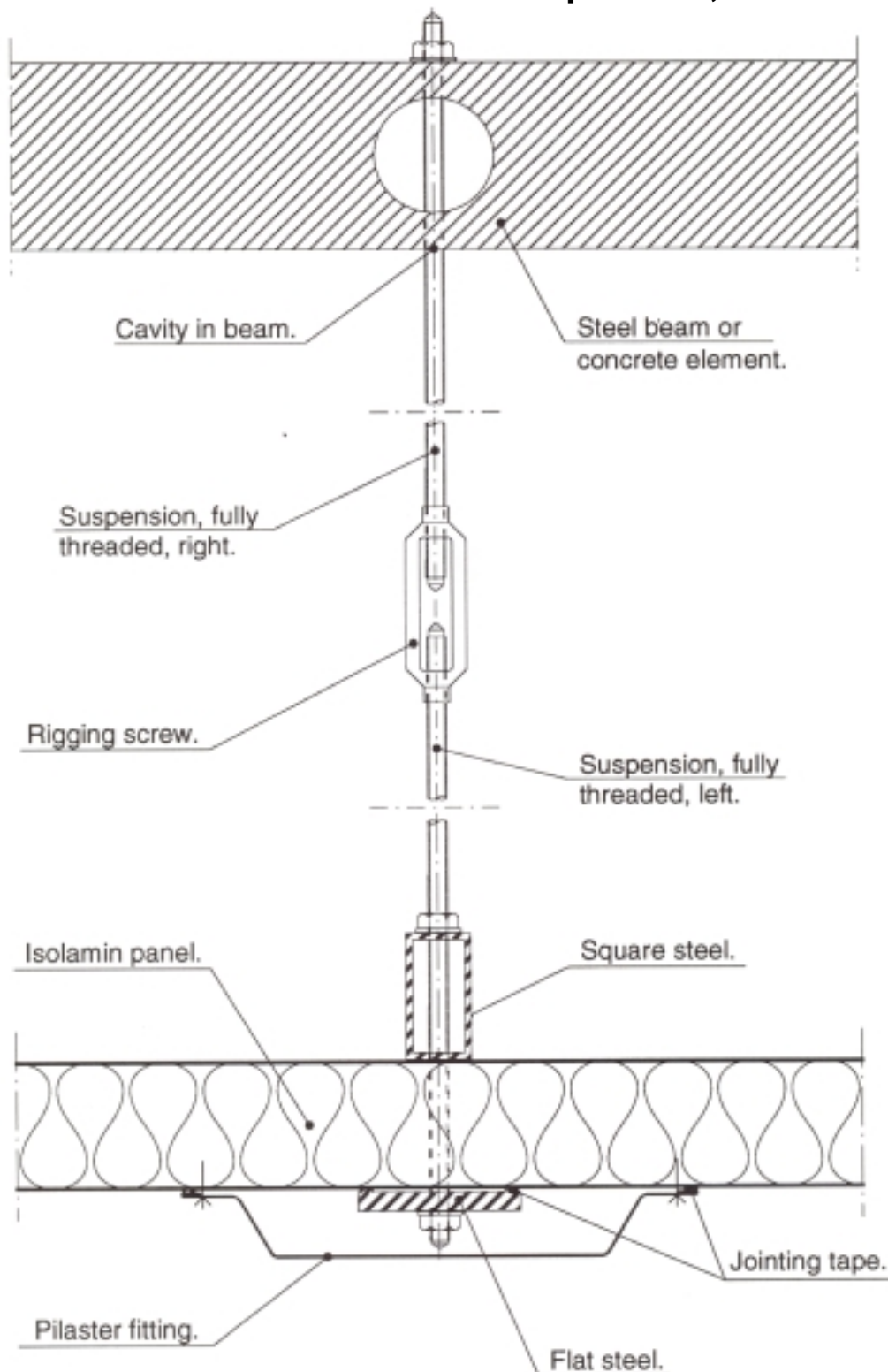
## Wall-Ceiling connection, including various ceiling levels.



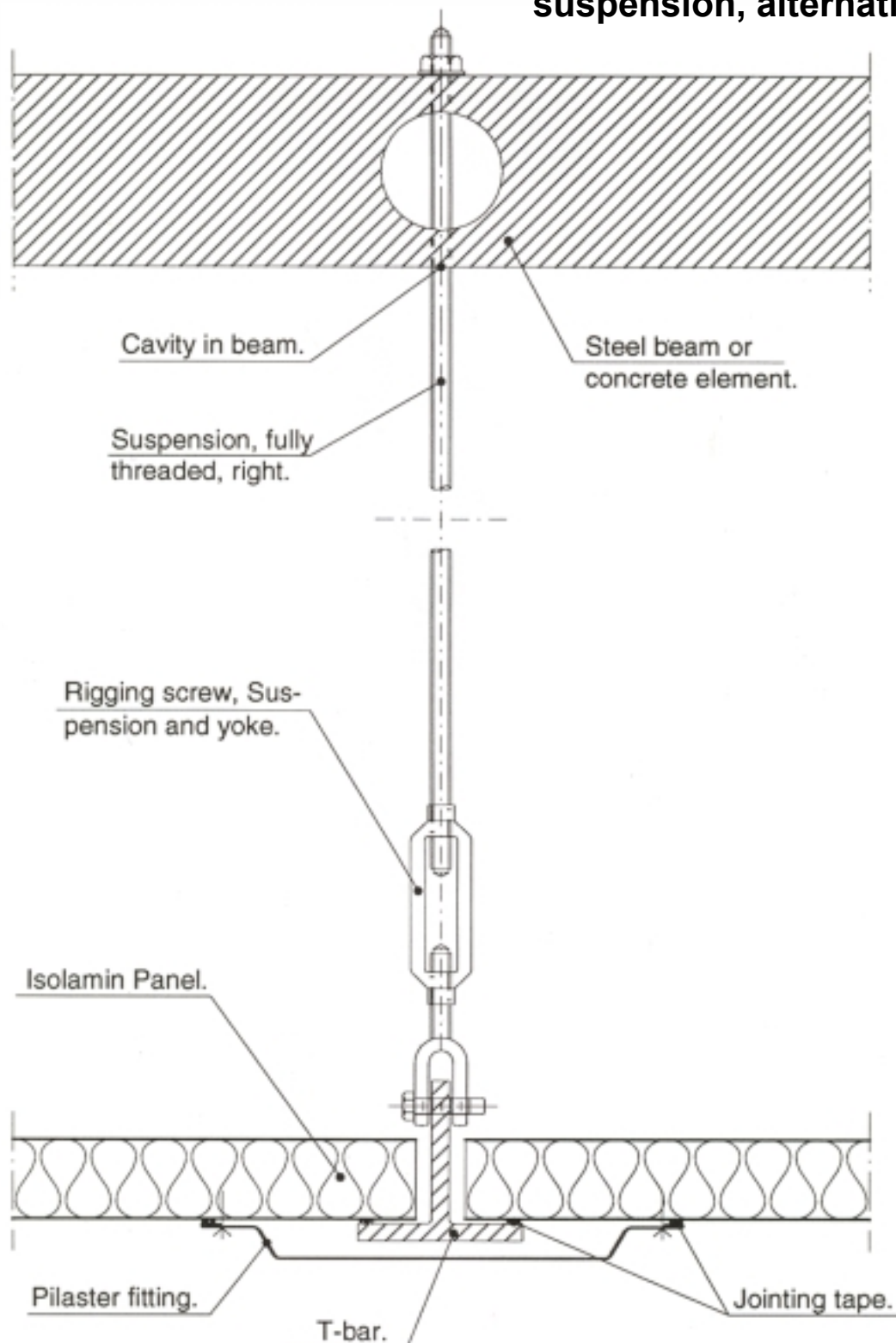
## Ceiling connection with suspension, alternative 1.



## Ceiling connection with suspension, alternative 2.



### Ceiling connection with suspension, alternative 3.





## Luminary for AABO AKUSTIK Clean room.

