

# fade® acoustic plaster

## CASE STUDY: Helsinki Olympic Stadium, Finland

ARCHITECT: White Arkitekter | LOCATION: Helsinki, Finland | COMMENT: 5.000m<sup>2</sup> albus

Finland's largest arena, the Helsinki Olympic Stadium, has undergone a major renovation during 2019 and 2020. The Olympic Stadium has been renovated eight times since its original completion back in the 1930s. It was expanded for the Olympic Games in the 1950s.

The newly renovated Stadium has a seating capacity of 32.200 and can accommodate concert audiences of 50.000.

Two new sports halls, an auditorium and new changing rooms have been restored along with the old interior. The Olympic Stadium is a protected building, and the Finnish Heritage Agency has supervised the carefully executed preservation of its 30's ambience and functionalism details in the old beautiful building.

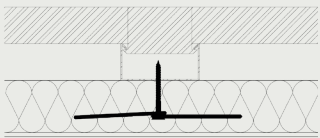
One of the key aspects of the ambience of any large spaces is the acoustics. With the assistance of the fade® Acoustic Plaster Albus, the acoustics of the Helsinki Olympic Stadium is impeccable. The fade® Partner in Finland, Invisible Acoustic Ceilings, has been closely involved in the acoustic design of the renovation along with the installation of the acoustic plaster ceilings on the stadium and the result is amazing.



helsinki olympic stadium, finland

## INSTALLATION METHOD

\*Type E - Direct-to-grid installation:



20mm (1/2") acoustic boards have been installed with fade® Special Washers.

Finished in standard white, the plaster blends in seamlessly with the overall architectural design making the visitors guess where the good acoustics come from.

## PROJECT | TECHNICAL DATA



Albus Luminous Reflectance:  
80%



Albus color:  
RAL 9003



A2-s1,d0 as per EN 13501  
2007+A1:2009



NRC for the Type E (E Mount),  
20mm (1/2") direct-to-grid  
system.

20mm (3/4") fade® ALBUS - Suspended - Type E 200 (E Mount)

Absorption class	α <sub>w</sub>
B	0.85

