Music Centre

Jyrki Maalahti Leading specialist – BIM (Building information management) 11.11.2015



Helsinki Music Centre

Users

- Helsinki Philharmonic Orchestra
- Finnish Radio Symphony Orchestra
- Sibelius-Academy
- Visiting artists

Owners

- Government of Finland/
 Senate Properties
 48 %
- City of Helsinki 26 %
- YLE (Finland's national public service broadcasting company 26 %





Halls and other public premises in the Music Centre

•	Concert Hall	1650 + 50	
•	Hall for amplified music	290	
•	Hall with orchestra pit	225 + 75	
•	Chamber music hall 250		
•	Organ hall (3 - 4 instruments) 140		
•	Rehearsal hall for orchestras	240	
•	Restaurant – club	200	
•	VIP-lounge	90 - 150	
•	Main floor, circle and gallery lounges with cafeterias		
•	Upper lobby and shop		

- Main lobby, box office and info
- Sibelius Academy library
- Outdoor café (summer)







Construction timetable

- Frame works started on 1.October 2008
- Building systems installations started in August 2009
- Frame works completed in early 2010
- Interior works started in late 2009
- Landscaping started in summer 2010
- Installation of fixtures and stage technique starts in fall 2010
- Technical testing starts in late 2010 early 2011
- Construction completed in April 2011







Key figures

•	Concrete frame works		102.397 m2
•	Reinforcement steel		2 million kg
•	Concrete poured	23.000 m3	3
•	Hollow core slabs	14.579 m2	
٠	Hollow core slabs	1635 pcs	
٠	Gypsum boards		32.889 m2
•	Parquette		4584 m2
•	Natural stone		2882 m2
•	Air conditioning ur	nits	21 pcs
٠	Air conditioning du	ucts	25 km
٠	Heating pipes		10 km
٠	Cooling pipes		9 km
٠	Water pipes		12 km
٠	Sewage		8 km
•	Lighting fixtures		11.000 pcs
•	Cable trunking		28 km
•	Cable		650 km
٠	Manpower		max. 450





Challenges

- Acoustics
- Difficult cast-in-situ structures in concert halls
- Double structure
- Vibration control in concert halls
- Extensive stage technique
- Central location







For further information, please contact:

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