

Overview of all materials / boundary conditions for auralization round robin

Name	Type of data				Info	Scenes											Description	Documentation	
	Absorption	Scattering	Transmission	Angle of incidence		infinRefl	finRefl	paraRefl	ArrayRef	DiffEdge	Coupled	SemRoor	Chamber	Audimax	Data				
						01	02	03	04	05	08	09	10	11					
mat_MDF25mmA_plane	x	x	parameters	normal incidence;	25mm MDF		x	x							mat_MDF25mmA_plane.txt	mat_MDF25mm_plane_<angle>.csv			
mat_MDF25mmB_plane	x	x	parameters	normal incidence;	25mm MDF (different density)				x	x					mat_MDF25mmB_plane.txt	mat_MDF25mm_plane_<angle>.csv			
mat_MDF12mm_plane	x	x	parameters	normal incidence	12mm MDF	x									mat_MDF12mm_plane.txt	mat_MDF12mm_plane_<angle>.csv			
mat_MDF12mm_structured	x	USER		30°,45°,60°, (45° in, 32° out)	MDF diffusor	x									mat_MDF12mm_structured.txt	mat_MDF12mm_structured_<angle>.csv			
mat_RockFonSonarG	x	x		0°, 30°,45°,60°, (45° in, 32° out)	RockFon Absorber panel	x	x								mat_RockFonSonarG.txt	mat_RockFonSonarG_<angle>.csv			
mat_Tiles	x	x		random incidence (estimated/literature)	Tiles of semi anechoic chamber RWTH	x				x					mat_Tiles.txt	mat_Tiles.csv			
mat_scene08_concrete	x	x		random incidence (estimated/literature)							x				mat_scene08.txt	mat_scene08_concrete.csv			
mat_scene08_paintedConcrete	x	x		random incidence (estimated/literature)							x				mat_scene08.txt	mat_scene08_paintedConcrete.csv			
mat_scene08_tablesEquipment	x	x		random incidence (estimated/literature)							x				mat_scene08.txt	mat_scene08_tablesEquipment.csv			
mat_scene08_absorber	x	x		random incidence (estimated/literature)							x				mat_scene08.txt	mat_scene08_absorber.csv			
mat_scene09_plaster	x	x		random incidence (estimated/measured)	measured data originally normal incidence							x			mat_scene09.txt	mat_scene09_plaster.csv			
mat_scene09_concrete	x	x		random incidence (estimated/measured)	measured data originally normal incidence							x			mat_scene09.txt	mat_scene09_concrete.csv			
mat_scene09_windows	x	x		random incidence (estimated/measured)	measured data originally normal incidence							x			mat_scene09.txt	mat_scene09_windows.csv			
mat_scene09_floor	x	x		random incidence (estimated/measured)	measured data originally normal incidence							x			mat_scene09.txt	mat_scene09_floor.csv			
mat_scene09_ceiling	x	x		random incidence (estimated/measured)	measured data originally normal incidence							x			mat_scene09.txt	mat_scene09_ceiling.csv			
mat_scene10_floor	x	x		random incidence (estimated/measured)	measured data originally normal incidence								x		mat_scene10.txt	mat_scene10_floor.csv			
mat_scene10_seating	x	x		random incidence (estimated/measured)	measured data originally normal incidence								x		mat_scene10.txt	mat_scene10_seating.csv			
mat_scene10_plaster	x	x		random incidence (estimated/measured)	measured data originally normal incidence								x		mat_scene10.txt	mat_scene10_plaster.csv			
mat_scene10_ceiling	x	x		random incidence (estimated/measured)	measured data originally normal incidence								x		mat_scene10.txt	mat_scene10_ceiling.csv			
mat_scene10_stagePanels	x	x		random incidence (estimated/measured)	measured data originally normal incidence								x		mat_scene10.txt	mat_scene10_stagePanels.csv			
mat_scene10_structuredPlaster	x	x		random incidence (estimated/measured)	measured data originally normal incidence								x		mat_scene10.txt	mat_scene10_structuredPlaster.csv			
mat_scene11_linoleum	x	x		random incidence (estimated/measured)	measured data originally normal incidence									x	mat_scene11.txt	mat_scene11_linoleum.csv			
mat_scene11_concrete	x	x		random incidence (estimated/measured)	measured data originally normal incidence									x	mat_scene11.txt	mat_scene11_concrete.csv			
mat_scene11_seating	x	x		random incidence (estimated/measured)	measured data originally normal incidence									x	mat_scene11.txt	mat_scene11_seating.csv			
mat_scene11_brickwall	x	x		random incidence (estimated/measured)	measured data originally normal incidence									x	mat_scene11.txt	mat_scene11_brickwall.csv			
mat_scene11_woodPanels	x	x		random incidence (estimated/measured)	measured data originally normal incidence									x	mat_scene11.txt	mat_scene11_woodPanels.csv			
mat_scene11_whitePanels	x	x		random incidence (estimated/measured)	measured data originally normal incidence									x	mat_scene11.txt	mat_scene11_whitePanels.csv			
mat_scene11_parquet	x	x		random incidence (estimated/measured)	measured data originally normal incidence									x	mat_scene11.txt	mat_scene11_parquet.csv			