

Overview of all materials / boundary conditions for auralization round robin

Name	Type of data			Angle of incidence	Info	Scenes											Description	Documentation Data
	Absorption	Scattering	Transmission			infinRefl	finRefl	paraRefl	ArrayRef	DiffEdge	Coupled	SemRoor	Chamber	Audimax				
						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