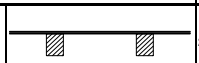
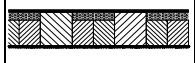
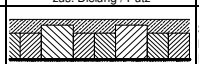
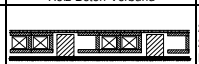
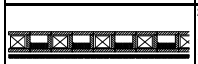
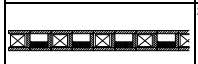
1						HAF		SFS		LIGNATUR					GUTEX	AGEPAN	
2		$L_{n,w}$ ($C_{I,50-2500}$) R_w ($C_{50-5000}$;$C_{tr,50-5000}$)			Rohdecken	50 ZE 40 MW	20 GF 10 HWF	50 ZE 20 EPS	25 GF 20 HWF 30 Splitt	25 GF 20 HWF	2 x 15 Phonewell 20 HWF	50 ZE 30 MW 20 EPS	50 ZE 30 MW 30 Splitt	22 HWST 20 HWF	40 TEP 30 Schüttung	40 TEP
3		Variation		Aufbau												
17	IST-Zust.	Holzbalkendecken	offen		(9 mm Laminat) 24 mm Dielen 220 mm Balken	**X217/218** $L_{n,w}$ = 92 (-5) dB R_w = 23 (0;-3) dB	$L_{n,w}$ ≈ 65 dB σ = 2 dB						$L_{n,w}$ ≈ 67 dB σ = 2 dB	$L_{n,w}$ ≈ 55 dB σ = 2 dB		**X215/216** (Laminat) $L_{n,w}$ = 67 (1) dB R_w = 49 (-3;-14) dB	**X213/214** (Laminat) $L_{n,w}$ = 74 (0) dB R_w = 39 (-1;-9) dB
18	Sanierung von oben			 Holz-Beton-Verbund	100 mm Aufbeton 24 mm Dielen 220 mm Balken	**X167/168** $L_{n,w}$ = 85 (-13) dB R_w = 52 (-1;-6) dB	**X169/170** $L_{n,w}$ = 49 (2) dB R_w = 69 (-6;-20) dB	$L_{n,w}$ ≈ 64 dB σ = 2 dB	$L_{n,w}$ ≈ 56 dB σ = 2 dB		$L_{n,w}$ ≈ 62 dB σ = 2 dB		$L_{n,w}$ ≈ 50 dB σ = 2 dB		$L_{n,w}$ ≈ 64 dB σ = 2 dB		$L_{n,w}$ ≈ 64 dB σ = 2 dB
19			geschlossen	 Holz-Beton-Verbund	70 mm Aufbeton 24 mm Dielen 220 mm Balken Einschub m' = 80 kg/m² Rohrputz m' = 26 kg/m²	**X123/124** $L_{n,w}$ = 62 (-2) dB R_w = 59 (-2;-13) dB	**X121/122** $L_{n,w}$ = 38 (11) dB R_w = 78 (-14;-29) dB	$L_{n,w}$ ≈ 53 dB σ = 2 dB	$L_{n,w}$ ≈ 46 dB σ = 2 dB		$L_{n,w}$ ≈ 51 dB σ = 2 dB		$L_{n,w}$ ≈ 39 dB σ = 2 dB		$L_{n,w}$ ≈ 52 dB σ = 2 dB		$L_{n,w}$ ≈ 52 dB σ = 2 dB
20				 Holz-Beton-Verbund	100 mm Aufbeton 24 mm Dielen 220 mm Balken Einschub m' = 80 kg/m² Rohrputz m' = 26 kg/m²	**X165/166** $L_{n,w}$ = 60 (-4) dB R_w = 62 (-2;-13) dB	**X155/156** $L_{n,w}$ = 40 (9) dB R_w = 77 (-12;-27) dB	$L_{n,w}$ ≈ 53 dB σ = 2 dB	**X157/158** $L_{n,w}$ = 44 (7) dB R_w = 73 (-11;-25) dB **X159** (Laminat) $L_{n,w}$ = 43 (7) dB		$L_{n,w}$ ≈ 51 dB σ = 2 dB		$L_{n,w}$ ≈ 40 dB σ = 2 dB		**X161/162** $L_{n,w}$ = 50 (3) dB R_w = 65 (-6;-18) dB		$L_{n,w}$ ≈ 52 dB σ = 2 dB
21		Vollholzdecken	Dollendecke	 zus. Dielung / Putz	(24 mm Dielung) 340 mm Balken Balken / Auffüllung (Rohrputz m' = 16 kg/m²)	**X13/14** $L_{n,w}$ = 81 (-7) dB R_w = 43 (0;-3) dB **X15/16** (Dielen) $L_{n,w}$ = 72 (-6) dB R_w = 46 (0;-4) dB **X17/18** (Balken + Putz)	**X19/20** (Putz) $L_{n,w}$ = 45 (3) dB R_w = 71 (-7;-21) dB **X21/22** (Dielen + Putz) $L_{n,w}$ = 45 (2) dB R_w = 73 (-9;-24) dB	$L_{n,w}$ ≈ 64 dB σ = 2 dB	$L_{n,w}$ ≈ 53 dB σ = 2 dB	$L_{n,w}$ ≈ 50 dB σ = 2 dB	$L_{n,w}$ ≈ 63 dB σ = 2 dB		$L_{n,w}$ ≈ 46 dB σ = 2 dB	$L_{n,w}$ ≈ 40 dB σ = 2 dB	$L_{n,w}$ ≈ 64 dB σ = 2 dB	$L_{n,w}$ ≈ 50 dB σ = 2 dB	$L_{n,w}$ ≈ 64 dB σ = 2 dB
22			HBV	 Holz-Beton-Verbund	60 mm Aufbeton 340 mm Balken Balken / Aufbeton Rohrputz m' = 16 kg/m²	**X57/58** $L_{n,w}$ = 72 (-6) dB R_w = 55 (0;-6) dB	**X61/62** $L_{n,w}$ = 38 (2) dB R_w = 76 (-11;-26) dB	**X59/60** $L_{n,w}$ = 56 (0) dB R_w = 59 (-2;-10) dB	**X63/64** $L_{n,w}$ = 49 (1) dB R_w = 70 (-5;-19) dB		$L_{n,w}$ ≈ 55 dB σ = 2 dB		$L_{n,w}$ ≈ 39 dB σ = 2 dB		$L_{n,w}$ ≈ 57 dB σ = 2 dB		$L_{n,w}$ ≈ 57 dB σ = 2 dB
23	Vollst. Austausch	Kastenelemente		 zus. Kastenelement	22 mm HWST 200 mm LKE Silence 220 mm Balken Rohrputz m' = 26 kg/m²		**X85/86** $L_{n,w}$ = 42 (5) dB R_w = 78 (-15;-30) dB **X87** (Laminat) $L_{n,w}$ = 40 (6) dB			**X101/102** $L_{n,w}$ = 43 (8) dB R_w = 76 (-16;-31) dB **X103** (Laminat) $L_{n,w}$ = 43 (9) dB	**X97/98** $L_{n,w}$ = 53 (2) dB R_w = 68 (-8;-22) dB **X99** (Laminat) $L_{n,w}$ = 52 (4) dB	**X93/94** $L_{n,w}$ = 46 (6) dB R_w = 66 (-5;-19) dB **X95** (Laminat) $L_{n,w}$ = 48 (4) dB	**X89/90** $L_{n,w}$ = 43 (6) dB R_w = 78 (-16;-31) dB **X91** (Laminat) $L_{n,w}$ = 42 (6) dB	$L_{n,w}$ ≈ 38 dB σ = 2 dB			
24				 Vollst. Austausch	200 mm LKE Silence 30 mm Lattung 12,5 mm GKF 18 mm GKF		**X153/154** $L_{n,w}$ = 48 (4) dB R_w = 72 (-10;-24) dB			**X143/144** $L_{n,w}$ = 55 (3) dB R_w = 65 (-8;-21) dB **X145** (Laminat) $L_{n,w}$ = 54 (4) dB			$L_{n,w}$ ≈ 52 dB σ = 2 dB	**X147/148** $L_{n,w}$ = 46 (5) dB R_w = 75 (-8;-23) dB **X149** (Laminat) $L_{n,w}$ = 45 (5) dB			
25				 Vollst. Austausch	200 mm LKE Silence					**X135/136** $L_{n,w}$ = 52 (2) dB R_w = 69 (-11;-25) dB **X137** (Laminat) $L_{n,w}$ = 49 (7) dB			**X127/128** $L_{n,w}$ = 56 (-1) dB R_w = 69 (-7;-21) dB **X129** (Laminat) $L_{n,w}$ = 47 (7) dB	**X131/132** $L_{n,w}$ = 44 (5) dB R_w = 75 (-11;-26) dB **X133** (Laminat) $L_{n,w}$ = 40 (8) dB			