**Tender specification:** **PERFORATED METAL SHEETS**

1. **Perforated metal sheet with round perforation in rows staggered at 60° (Rt)**

e.g. perforation Rt 8 – 12 mm (hole diameter 8 mm – partition 12 mm = bridge 4 mm / free cross-section 40%) in accordance with DIN24041;

material steel raw / steel galvanised / aluminium / stainless steel, thickness 2mm or in accordance with stat. requirement;

perforated field complete area / or altern. with unperforated edges approx. 40 mm on all sides;

flanged in accordance with drawing / edged with profile edging / welded or screwed in angular frame;

surface: raw / subsequently hot-dip galvanised / powder-coated in accordance with RAL / natural anodised finish / sanded on one or both sides

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1. **Perforated metal sheet with round perforation in straight rows (Ru)**

e.g. perforation Ru 20 – 48.5 mm (hole diameter 20 mm – partition 48.5 mm = bridge 28.5 mm / free cross-section 13%) nach DIN24041;

material steel raw / steel galvanised / aluminium / stainless steel, thickness 2mm or in accordance with stat. requirement;

perforated field complete area / or altern. with unperforated edges approx. 40 mm on all sides;

flanged in accordance with drawing / edged with profile edging / welded or screwed in angular frame;

surface: raw / subsequently hot-dip galvanised / powder-coated in accordance with RAL / natural anodised finish / sanded on one or both sides

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1. **Perforated metal sheet square perforation in straight rows (Cu)**

e.g. perforation Cu 10 – 30 mm (hole diameter 10 mm – partition 30 mm = bridge 20 mm / free cross-section 11%) nach DIN24041;

material steel raw / steel galvanised / aluminium / stainless steel, thickness 2mm or in accordance with stat. requirement;

perforated field complete area / or altern. with unperforated edges approx. 40 mm on all sides;

flanged in accordance with drawing / edged with profile edging / welded or screwed in angular frame;

surface: raw / subsequently hot-dip galvanised / powder-coated in accordance with RAL / natural anodised finish / sanded on one or both sides

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1. **Perforated metal sheet with slotted perforation in staggered rows (Lr-z)**

e.g. perforation Lr-z 5 x 20 / 8.5 x 25 mm (hole diameter 5x20 mm – partition staggered 8.5x25 mm // to the long side = bridges 3.5 x 5 mm / free cross-section 44%) in accordance with DIN24041;

material steel raw / steel galvanised / aluminium / stainless steel, thickness 2mm or in accordance with stat. requirement;

perforated field complete area / or altern. with unperforated edges approx. 40 mm on all sides;

flanged in accordance with drawing / edged with profile edging / welded or screwed in angular frame;

surface: raw / subsequently hot-dip galvanised / powder-coated in accordance with RAL / natural anodised finish / sanded on one or both sides

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1. **Perforated metal sheet with slotted perforation in straight rows (Lr-u)**

e.g. perforation Lr-u 5 x 20 / 10 x 30 mm (hole diameter 5x20 mm – partition straight 10x30 mm // to the long side = bridges 5 x 10 mm / free cross-section 31%) in accordance with DIN24041;

material steel raw / steel galvanised / aluminium / stainless steel, thickness 2mm or in accordance with stat. requirement;

perforated field complete area / or altern. with unperforated edges approx. 40 mm on all sides;

flanged in accordance with drawing / edged with profile edgings / welded or screwed in angular frames;

surface: raw / subsequently hot-dip galvanised / powder-coated in accordance with RAL / natural anodised finish / sanded on one or both sides

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1. **Perforated metal sheet with design perforation series “Bubbles”**

e.g. perforation “Bubbles C” (free cross-section 18%) in accordance with DIN24041;

material steel raw / steel galvanised / aluminium / stainless steel, thickness 2mm or in accordance with stat. requirement;

perforated field complete area / or altern. with unperforated edges approx. 40 mm on all sides;

flanged in accordance with drawing / edged with profile edging / welded or screwed in angular frame;

surface: raw / subsequently hot-dip galvanised / powder-coated in accordance with RAL / natural anodised finish / sanded on one or both sides

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