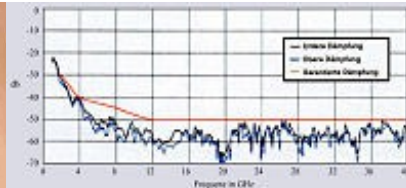
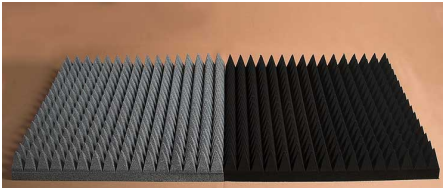


Products: Broadband-Absorber

Broadband Pyramidal Absorbers produced for GTEMCELL are covering a wide frequency-spectrum. Designed for the array from 30 MHz to 100 GHz, made out of the newest Polyurethane foam EC 712 and self-extinguishing. They get cut out of a Polyurethane-foamcube with the dimensions 2,08 x 2,08 x 1,18 m. **We guarantee a 100% control of quality to ensure the default tolerances.** The Absorbers are able to cope with pressure up to 200 mW/cm².

EPP 51



| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|--------|------------|---------------------|------------------|-------------------------------------|--|
| 5 cm | 50 x 50 cm | 2 kg/m ² | 1 cm | 4 cm (400 pyramids per absorber) | Black is standard / any colour possible on request |

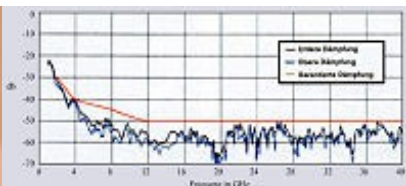
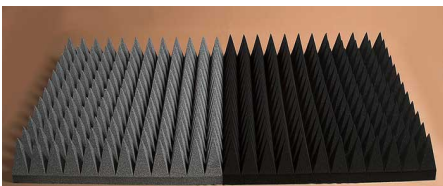
Muffling Course

Characteristics

[See graphical representation](#)

Self-extinguishing in accordance to ASTM-D 1692-68
Classified as non inflammable material Cl. M2, CSTB
DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
Produced made in Germany

EPP 12



| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|--------|------------|---------------------|------------------|-------------------------------------|--|
| 10 cm | 50 x 50 cm | 3 kg/m ² | 2 cm | 8 cm (144 pyramids per absorber) | Black is standard / any colour possible on request |

Muffling Course

Characteristics

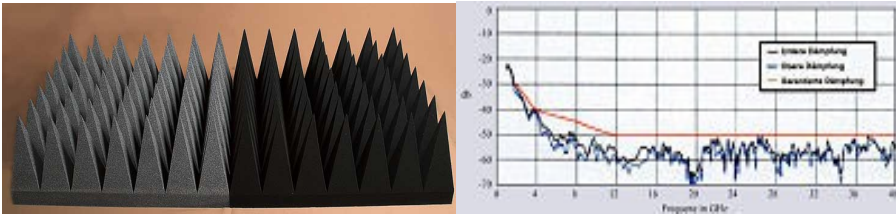
[See graphical](#)

Self-extinguishing in accordance to ASTM-D 1692-68

representation

Classified as non inflammable material Cl. M2, CSTB
DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
Produced made in Germany

EPP 22



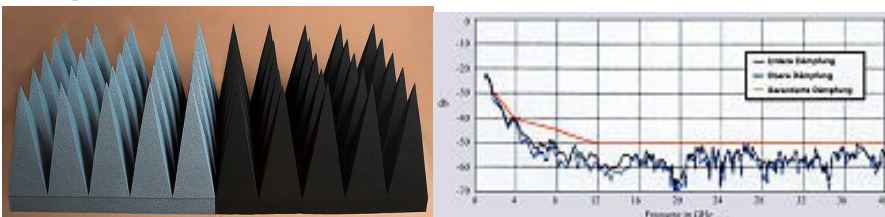
| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|--------|------------|---------------------|------------------|---------------------------------------|--|
| 20 cm | 50 x 50 cm | 4 kg/m ² | 3,5 cm | 16,5 cm (49 pyramids per absorber) | Black is standard / any colour possible on request |

Muffling Course Characteristics

See graphical representation

Self-extinguishing in accordance to ASTM-D 1692-68
Classified as non inflammable material Cl. M2, CSTB
DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
Produced made in Germany

EPP 32



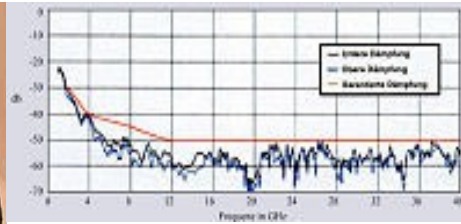
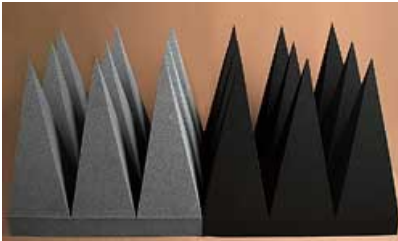
| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|--------|------------|---------------------|------------------|-------------------------------------|--|
| 30 cm | 50 x 50 cm | 4 kg/m ² | 5 cm | 25 cm (25 pyramids per absorber) | Black is standard / any colour possible on request |

Muffling Course Characteristics

[See graphical representation](#)

Self-extinguishing in accordance to ASTM-D 1692-68
 Classified as non inflammable material Cl. M2, CSTB
 DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
 Produced made in Germany

EPP 452



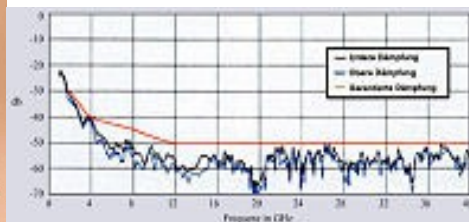
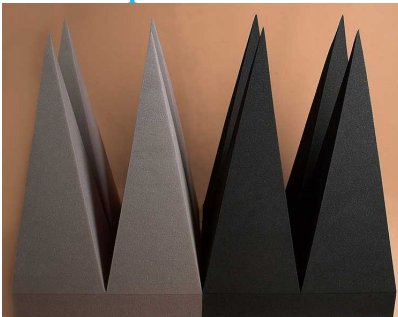
| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|--------|------------|---------------------|------------------|------------------------------------|--|
| 45 cm | 50 x 50 cm | 4 kg/m ² | 6 cm | 39 cm (9 pyramids per absorber) | Black is standard / any colour possible on request |

Muffling Course Characteristics

[See graphical representation](#)

Self-extinguishing in accordance to ASTM-D 1692-68
 Classified as non inflammable material Cl. M2, CSTB
 DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
 Produced made in Germany

EPP 62 Sp



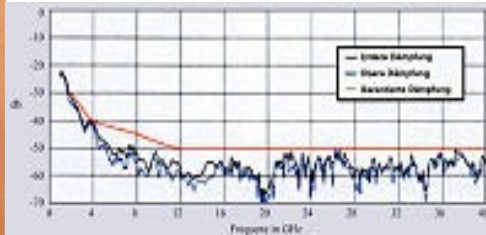
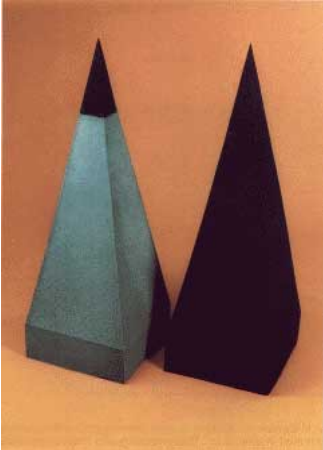
| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|--------|------------|----------------------|------------------|------------------------------------|--|
| 60 cm | 40 x 40 cm | 13 kg/m ² | 7 cm | 53 cm (4 pyramids per absorber) | Black is standard / any colour possible on request |

Muffling Course Characteristics

See graphical representation

Self-extinguishing in accordance to ASTM-D 1692-68
Classified as non inflammable material Cl. M2, CSTB
DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
Produced made in Germany

EPP 13



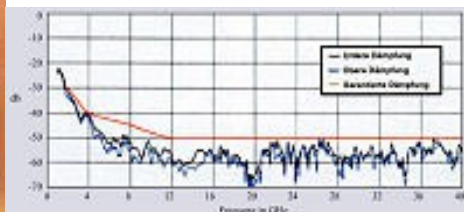
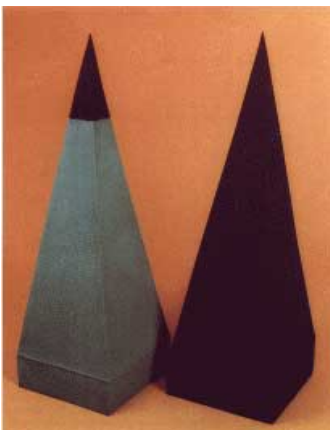
| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|--------|------------|----------------------|------------------|-----------------------------------|--|
| 100 cm | 33 x 33 cm | 20 kg/m ² | 12 cm | 88 cm (1 pyramid per absorber) | Black is standard / any colour possible on request |

Muffling Course Characteristics

See graphical representation

Self-extinguishing in accordance to ASTM-D 1692-68
Classified as non inflammable material Cl. M2, CSTB
DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
Produced made in Germany

EPP 1153



| Height | Base | Weight | Base of absorber | Height of Pyramids | Colour |
|---------------|-------------|----------------------|-------------------------|-----------------------------------|--|
| 115 cm | 33 x 33 cm | 27 kg/m ² | 13 cm | 97 cm (1 pyramid per absorber) | Black is standard / any colour possible on request |

Muffling Course

[See graphical representation](#)

Characteristics

Self-extinguishing in accordance to ASTM-D 1692-68
Classified as non inflammable material Cl. M2, CSTB
DIN 4102-B2, Bundesanstalt für Materialprüfung NRL 8093 Tests 1, 2, 3
Produced made in Germany

Pyramidabsorber

attenuation / dB

| Typ | base/cm | height/cm | 100MHz | 200MHz | 300MHz | 500MHz | 1GHz | 3GHz | 5GHz | 10GHz | 18GHz |
|---------|---------|-----------|--------|--------|--------|--------|------|------|------|-------|-------|
| EPP51 | 50x50 | 5 | - | - | - | - | - | 10 | 30 | 40 | 45 |
| EPP12 | 50x50 | 10 | - | - | - | - | 12 | 30 | 40 | 45 | 50 |
| EPP22 | 50x50 | 20 | - | - | - | 20 | 30 | 40 | 30 | 40 | 45 |
| EPP32 | 50x50 | 30 | - | - | - | 25 | 35 | 40 | 45 | 50 | 50 |
| EPP452 | 50x50 | 45 | - | - | - | 25 | 35 | 40 | 45 | 50 | 50 |
| EPP62SP | 40x40 | 60 | - | - | - | 35 | 40 | 45 | 50 | 50 | 50 |
| EPP13 | 33x33 | 100 | - | 15 | 30 | 40 | 45 | 50 | 50 | 50 | 50 |
| EPP1153 | 33x33 | 115 | - | 30 | 35 | 40 | 45 | 50 | 50 | 50 | 50 |
| EPP163 | 75x75 | 160 | 25 | 30 | 35 | 40 | 50 | 50 | 50 | 50 | 50 |
| EPP183 | 75x75 | 180 | 30 | 35 | 40 | 45 | 50 | 50 | 50 | 50 | 50 |
| EPP253 | 100x100 | 250 | 30 | 35 | 40 | 45 | 50 | 50 | 50 | 50 | 50 |
| EPP33 | 100x100 | 300 | 30 | 40 | 40 | 50 | 50 | 50 | 50 | 50 | 50 |
| EPP353 | 100x100 | 350/360 | 35 | 45 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |

Flatabsorber

attenuation / dB

| Typ | base/cm | height/cm | 100MHz | 200MHz | 300MHz | 500MHz | 1GHz | 3GHz | 5GHz | 10GHz | 18GHz |
|-------|---------|-----------|--------|--------|--------|--------|------|------|------|-------|-------|
| EPF11 | 50x50 | 1 | - | - | - | - | - | 10 | 25 | 35 | 40 |
| EPF15 | 50x50 | 5 | - | - | - | - | 10 | 25 | 30 | 40 | 50 |
| EPF21 | 50x50 | 10 | - | - | - | 8 | 15 | 30 | 35 | 45 | 50 |

Walkable absorber

attenuation / dB

| Typ | base/cm | height/cm | 100MHz | 200MHz | 300MHz | 500MHz | 1GHz | 3GHz | 5GHz | 10GHz | 18GHz |
|-------|---------|-----------|--------|--------|--------|--------|------|------|------|-------|-------|
| EBF20 | 100x50 | 18 | - | - | - | - | 15 | 25 | 30 | 35 | 35 |