

Absorbing material of electromagnetic radiations based on ferrosilicium concrete

These materials are used for electromagnetic waves absorbing in the range 0.3 – 12 GHz.

ADVANTAGES

- Materials with low cost;
- Perfect for buildings with high capacity of electromagnetic radiations shielding.

APPLICATIONS

- Plating and ceiling for buildings on which are mounted transmitting aerial GSM;
- Anechoic chambers.

CHARACTERISTICS

- Density ~ 4 g/cm³;
- Attenuation 30 – 55 dB.

Name	Attenuation of electromagnetic field, dB, min.					
	Frequency, MHz					
	300	600	750	1200	4000	12000
FERROSILICIUM CONCRETE Sample thickness 5 – 7 cm	55	50	45	40	40	30