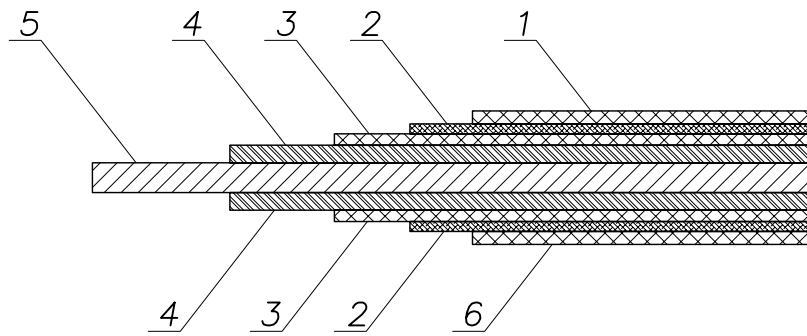


Structure of a hot dip galvanized, substrate coated steel sheet used in panels



1. substrate coating
2. primer
3. passivation layer
4. zinc
5. steel 0.5–1 mm
6. epoxy coating

Properties of a coatings

material	PE	PURAL	PVF2
coating thickness, MKM	25	50	25–27
surface	smooth	granular	smooth
max temperature, C	+90	+100	+120
corrosion test	hydrochloric, hours	500	1000
	H ₂ O, hours	1000	1000
Stability to Uf–radiation	very good	very good	excellent
Stability to mechanical damages	good	very good	very good
Maintainability	very good	excellent	good

Panels performance

Mark	Thickness, mm	Relative density, kg/m ²	Max width, mm	Max length, mm	Thermal resistance m ² *K/W	Fire rating, minutes
MP 50	50	15	1200	12 000	1,16	30 (EI30)
MP 60	60	17	1200	12 000	1,36	45 (EI45)
MP 80	80	19	1200	12 000	1,76	45 (EI45)
MP 100	100	21	1200	12 000	2,16	90 (EI90)
MP 120	120	24	1200	12 000	2,56	150 (EI150)
MP 150	150	27	1200	12 000	3,16	150 (EI150)
MP 200	200	32	1200	12 000	4,16	150 (EI150)
MP 250	250	36	1200	12 000	5,16	150 (EI150)

Density of mineral structural wool of the core panel is 110 kg/m³

General

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list2.dwg

Technical data



OOO "Stroypanel"
(812) 334–81–13