



Products for reliable substrate levelling

	ASODUR-LE	ASODUR-EMB	ASODUR-EV200	ASOCRET-VK100	ASO-SEM	ASO-SEB	SOLOPLAN-30-PLUS	SOLOCRET-50	ASOCRET-M30
Description	Lightweight epoxy resin screed	Epoxy resin mortar	High performance epoxy resin grouting mortar	Cement-based grouting mortar	Cement-based fast setting screed mortar	Cement-based fast setting screed binder	Cement-based levelling compound	Cement-based levelling compound, wall/floor	Water-repellent cement-based multi-mortar
Typical area of application	Laying substrate on wood and wooden floorboards as a light load distribution layer	High-strength repair of cement-based surfaces and coverings	Machine foundation, anchor and drain channel grouting, high-strength load distribution layer, Dresden Combibond adhesive	Grouting of machine foundations, nozzles, pre-cast concrete components, channels	Dry mortar for the production of cement-based screeds with fresh in fresh tile laying	Binder for manufacture of cement-based screeds, quickly ready to receive tiles	Fibre reinforced flow putty for smoothing, filling and levelling	Non slump wall and floor filler, rapid setting	Non slump levelling mortar for the levelling and repair of voids and damaged areas and as a barrier plaster
CE labelling	DIN EN 13813	DIN EN 18313	DIN EN 13813 DIN EN 1504-6	DIN EN 13813	DIN EN 13813		DIN EN 13813	DIN EN 13813	DIN EN 998-1:2010:12 DIN EN-1504-3
EMICODE/AgBB/VOC	Yes	No	No	No	No	No	Yes	No	No
Outdoor application	No	Yes	Yes	Yes	Yes with AIV	Yes with AIV	Yes with AIV	Yes with AIV	Yes
Fire class	E	E	3-75 mm B >75 mm E	A1	A1	not determined	E	A1	A1
Layer thickness min/mm	15	2	10	20	10	10	2	2	3
Layer thickness max/mm	not determined	50 (100 punctual)	200	100	60	60	30	50	30
Watertight up to	No	20 mm (3 bar)	20 mm (5 bar)	No	No	No	No	No	10 mm (negative pressure)
Low dust	No	No	No	No	Yes	No	No	No	No
Self-levelling	No	No	Yes	Yes	No	No	Yes	No	No
Vertical application	No	No	No	No	No	No	No	Yes	Yes
Cove production	No	Yes	No	No	No	No	No	Yes	Yes
Machine application	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Fabric basis	Epoxy resin	Epoxy resin	Epoxy resin	Cement	Cement	Cement	Cement	Cement	Cement
Application time (*1)	45 min.	60 min.	100 min.	60 min.	45 min.	45 min.	35 min.	30 min.	30 min.
Overcoat after approx. (*1)	16 hrs.	12 hrs.	12 hrs.	24 hrs.	24 hrs.	24 hrs.	10 hrs.	3-4 hrs.	3 hrs.
Fully cured after approx. (*1)	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days
Compressive strength approx.	30 N/mm ²	100 N/mm ²	109 N/mm ²	80 N/mm ²	40 N/mm ²	Depending on aggregate and mixing ratio	30 N/mm ²	25 N/mm ²	20 N/mm ²
Flexural strength approx.	10 N/mm ²	50 N/mm ²	40 N/mm ²	11 N/mm ²	6 N/mm ²		7 N/mm ²	4 N/mm ²	5 N/mm ²
Consumption approx.	1.18 kg/m ² /mm	1.90 kg/m ² /mm	1.90 kg/m ² /mm	2.00 kg/m ² /mm	2.00 kg/m ² /mm		1.65 kg/m ² /mm	1.50 kg/m ² /mm	1.40 kg/m ² /mm
Shelf life min. (*2)	18 months	18 months	24 months	12 months	12 months	6 months	9 months	12 months	12 months

*1 at 23°C and 50% relative humidity *2 cool and dry, in original unopened container