

The 80s Gypsum Block from MultiGips

Technical Overview

	BUILDING MATERIAL							
	M80		D80-Rmax		MH80		DH80-Rmax	
Manufacture EN 12859	Gypsum Block				Gypsum Block, water-repellent			
Thickness (mm)	80		80		80		80	
Length x height (mm)	666 x 500		500 x 500		666 x 500		500 x 500	
Density class	M (medium)		D (dense)		M (medium)		D (dense)	
Density (kg/m³), approx.	850		1,400		850		1,400	
Color	natural white		reddish		bluish		bluish	
Water absorption class	H3		H3		H2		H2	
Water absorption	not specified		not specified		≤ 5 % ¹⁾		≤ 5 % ¹⁾	
Reaction to fire	non-combustible							
Euro class	A1							
	BUILDING COMPONENT							
	WM.80		WD.80-Rmax		WMH.80		WDH.80-Rmax	
Execution DIN 4103-2	Non-load-bearing interior partition wall							
Wall thickness (mm)	80		80		80		80	
Wall dimensions (m) ²⁾	Connected on both sides (at least above and below), large openings							
Height	IA* 1	IA* 2	4.50	4.00	4.50	4.00	4.50	4.00
Length	IA* 1	IA* 2	arbitrary		arbitrary		arbitrary	
Surface mass (kg/m²), approx.	70		114		70		114	
Fire resistance class ³⁾	up to F 120-A							
Rated sound insulation index (R_w)	37 dB		44 dB		37 dB		44 dB	
Installation sound level (L_{AF,max,n})	-		19 dB(A) ⁴⁾		-		19 dB(A) ⁴⁾	

* IA = Installation area

¹⁾ After 2 h complete water storage²⁾ Max. permissible wall heights and lengths i.a.w. DIN 4103-2 for walls with large openings, connected at least at the top and bottom in installation areas IA 1 and IA 2; without fire protection requirements³⁾ When using insulation layers according to DIN 4102-4, e.g. Heralan edge strips, compressibility < 13-3 mm; the classification only applies if the supporting and bracing components supporting the non-load-bearing walls also have at least the same fire resistance in their supporting and bracing effect. The arrangement of additional cladding is permitted (e.g. plaster or facing, but not cladding made of sheet steel).⁴⁾ In conjunction with drywall pre-wall installation TECE profile, diagonal measurement with large flushing volume (ground floor front to basement rear)

M80



D80-Rmax



MH80



DH80-Rmax

More profits

LOADING ...

The 80s from MultiGips are particularly economical: uncomplicated in the tender, fast and dry in execution, robust in use, undemanding in maintenance and with a service life of more than 50 years. And best of all: as solid partition walls, you save more construction space than other interior wall systems - with all the economic advantages of the chargeable floor space. For more profit in sales and renting.



M80 | WP | EN | 07/19 | MAN | 03UB12

MultiGips

Slim, slimmer, 80s

Partition walls made of solid Gypsum Blocks

More living space



LOADING ...

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Slim, slimmer, 80s

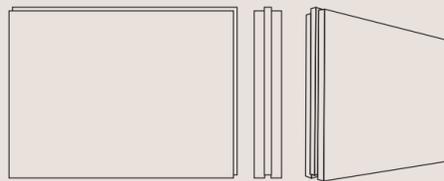
PROGRAMMED FOR PROFIT

High requirements and high prices are placing an increasing burden on the construction sector. Does optimized residential construction with good profits and good living comfort no longer stand a chance? Yes, he did. With the 80s of MultiGips.

The 80s from MultiGips are solid wall formers with a cross-section of only 80 mm. They are ideal for slim room formation and are virtually predestined for crediting more living space and making economic use of it. Compared to other interior wall systems, the non-load-bearing partition walls can generate significantly higher profits.

In a complex construction world, however, apartments are not just places where square metres decide on more comfort. The 80s from MultiGips also offer amazingly simple solutions here. Their acoustic insulation qualities are effective, their living value impressive: screw pure, be happy.

The 80s from MultiGips - invest well, pay for themselves quickly, always pay for themselves.



The slimming products under the partition walls

The 80s by MultiGips save 1.3 m² living space per living unit with a wall length of 20 m compared to 14.5 cm conventional masonry plastered on both sides.

More advantages

LOADING ...



The walls are up to 45% slimmer than plastered masonry. This means more space in attractive living spaces. Above all, however, higher sales and rental income.

80
mm

19
db(A)



The low noise levels of installation walls have a pleasant effect. The Fraunhofer Institute for Building Physics confirms the high quality of system solutions, e.g. with TECEprofil.

0
EUR



The walls are only filled: The costs for plastering work are completely eliminated. And the additional moisture input into the building, including long drying times anyway.

45
kg/anchor



Pictures, shelves and even heavy cabinets are only fixed with commercially available anchors. Without percussive drilling, without special anchors, without limiting reinforcements. And without tantrums.

70
kg/m²



Solid structure with light stature means less ballast. The low area-related masses favour slimly dimensioned load-bearing structures and allow flexible floor plans.

motel
one



slim
wall
more
living area



Decoupled from the supporting structure: Since less sound energy reaches into separating components, a side insulation is achieved that can actually only be achieved by much heavier solid walls.

44
dB

F 120
A



Gypsum Blocks provide the highest level of fire resistance. Above all as slim installation shafts in connection with tested installation parts, e.g. from RUG Semin.

FULL CHARGE

Short planning and construction times, practicality and cost efficiency are omnipresent clocks. For adequate construction and affordable living, MultiGips with partition walls of solid gypsum only 80 mm thick offers suitable solutions for using the free capacities of buildings in the area more economically - combined with outstanding performance properties. The most recent example: the 80s from MultiGips as space-saving bathroom walls and highly fire-resistant installation shafts in Motel One in the middle of the new Kornmarktarkaden in Frankfurt [Germany].