

All Wall Plug GRIPPER 10+screw 7x70 (5 DIY)

SORMAT CODE 9640095676



The ultimate All Wall plug with superior strength and durability

- Premium wall plug made of DuPont™ Hytrel® for pre-positioned installation in board, hollow and solid walls, in any type of construction material.
- Gripper™ can withstand long-term loads, wear and tear, weather, humidity and storage better than ordinary plugs.
- The Lo-Vis -microrim keeps the plug at an optimal installation depth while remaining hidden beneath the screw.
- Can be used with all of the most common types of screws and screw diameters.
- Suitable conditions related to screw material: ZP for dry indoor and temporary outdoor use; HGD/MG and A2 for dry and humid indoor use, outdoor in rural areas only; A4 for indoor, outdoor and industrial use.

APPLICATIONS

- Wall-mounted cabinets
- Ceiling lamps
- Storage shelves
- Book shelves
- TV mounts
- Radiators
- Wash basins
- Urinals
- Electrical installations
- HVAC and plumbing fixings
- Sanitary fixings

Technical data

INSTALLATION DETAILS

PRODUCT OVERVIEW

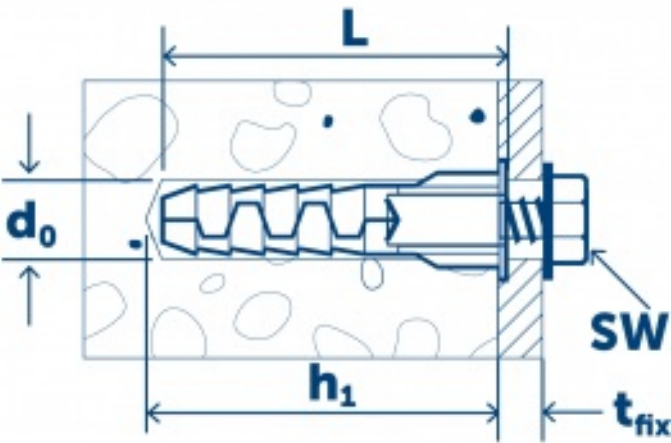
Other codes	SNRO 1310013 / LVI 3253661
Material	Steel, blackdized / Thermoplastic elastomere
Packages	box (bag): 5 / outer carton: 50 / piece: 1
Weight	18.4 kg / 1000

BASE MATERIALS














- ALSO SUITABLE FOR
- Aerated concrete block
 - Gypsum plasterboard
 - Gypsum plasterboard composite
 - Hollow light expanded clay aggregate block
 - Hollow-core slab
 - Natural stone
 - Non-cracked concrete
 - Perforated clay brick
 - Perforated sand-lime brick
 - Solid clay brick
 - Solid light expanded clay aggregate block
 - Solid sand-lime brick

INSTALLATION DETAILS

Size	10	Drill hole diameter (d_0) \varnothing	10
Length (L)	45	Minimum drill hole depth	50
Width across flats (SW)	10	Drill hole depth (h_1)	50
Max. fixture thickness (T_{fix})	25	HEAD DETAILS	
Min. sheet thickness ($T_{sheet, min}$)	12		
Suitable screws Diameter	4,5 - 7	Head diameter \varnothing	12,5
Suitable screws Length	45 + t_{fix}		



Performance data

Base material All	Screw ø	Load type	Load direction	Load value
Gypsum board composite, thickness 12,5 mm	7 mm	N _{Rec}		0.24 kN
Gypsum board standard, thickness 12,5 mm	7 mm	N _{Rec}		0.15 kN
Non-cracked concrete C20/25	7 mm	N _{Rec}		1.80 kN
Solid clay brick fb ≥ 30 N/mm2	7 mm	N _{Rec}		1.00 kN
Solid light expanded clay aggregate fb ≥ 3 MN/m2	7 mm	N _{Rec}		0.50 kN
Hollow light expanded clay aggregate fb ≥ 2,7 MN/m2	7 mm	N _{Rec}		0.50 kN
Light expanded clay aggregate with insulation fb ≥ 4 MN/m2	7 mm	N _{Rec}		0.50 kN
Solid sand-lime brick fb ≥ 15 N/mm2	7 mm	N _{Rec}		1.35 kN
Hollow sand-lime brick fb ≥ 15 N/mm2	7 mm	N _{Rec}		0.70 kN
Solid sand-lime brick fb ≥ 20 N/mm2	7 mm	N _{Rec}		1.40 kN
Hollow sand-lime brick fb ≥ 20 N/mm2	7 mm	N _{Rec}		1.00 kN
Aerated concrete AAC 2,5	7 mm	N _{Rec}		0.25 kN
Aerated concrete AAC 4,0	7 mm	N _{Rec}		0.50 kN

Installation

