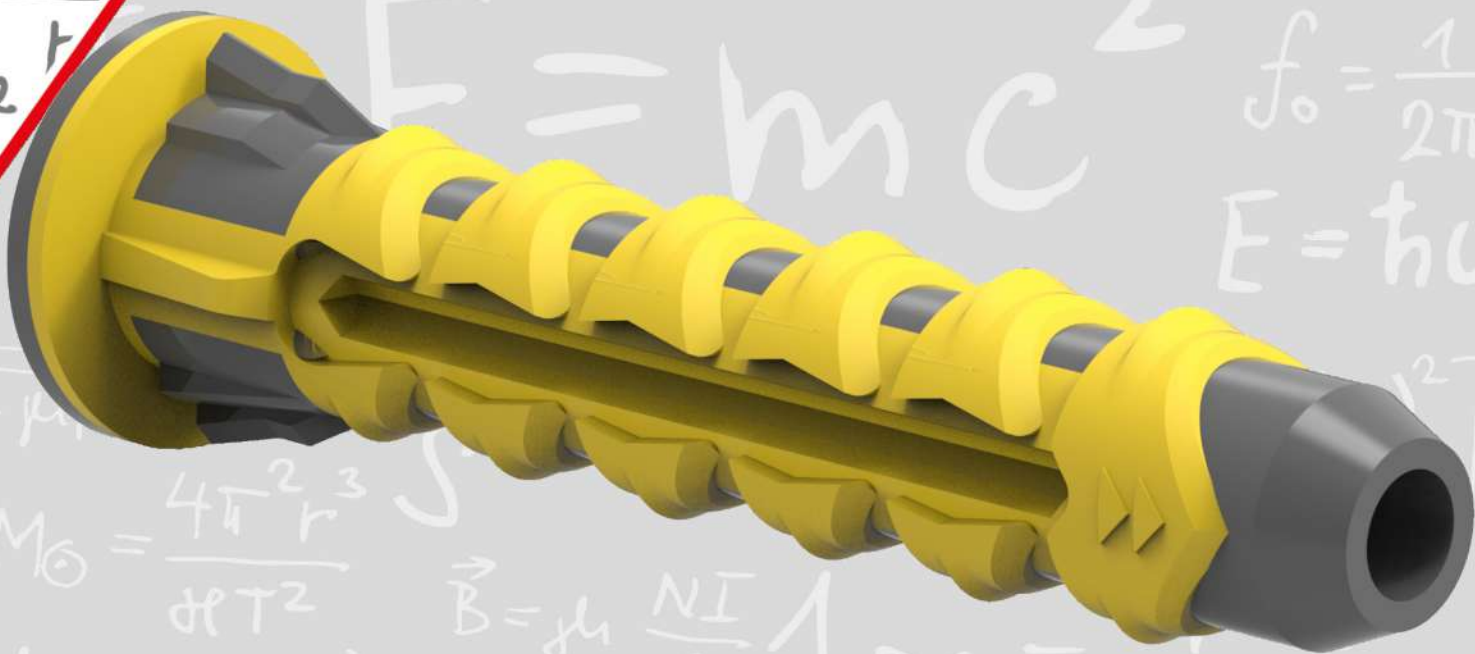


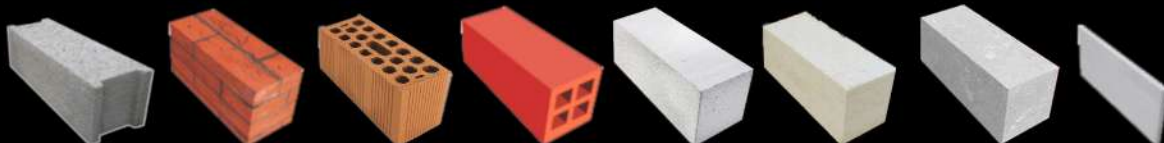
NOBEX[®]

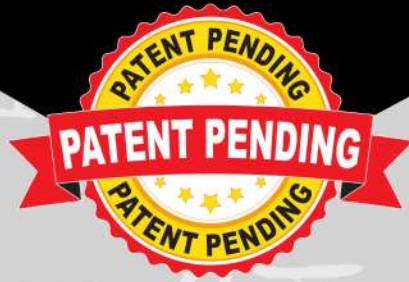
KEEP FIXING YOUR FUTURE

NOBEX EMC2
ALL THE ENERGY IN ONE ANCHOR



EMC2 Ø6X40
EMC2 Ø8X50





PRODUCTION ENERGY SAVING



WATERPROOF



ANTI-VIBRATION



SEISMIC TEST



SOFT TOUCH



FUNCTIONAL ANTHROPOMORPHIC DESIGN



LOWER CO2 EMISSIONS



100% RECYCLABLE



MULTI-MATERIAL



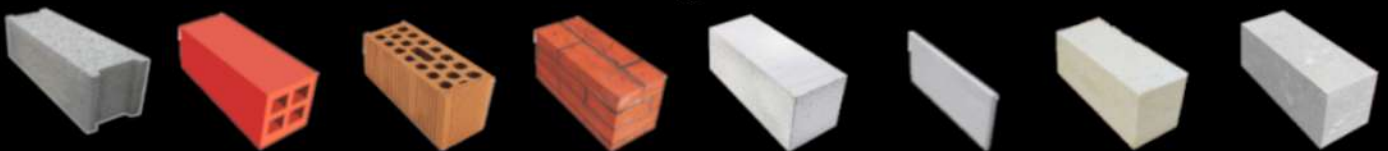
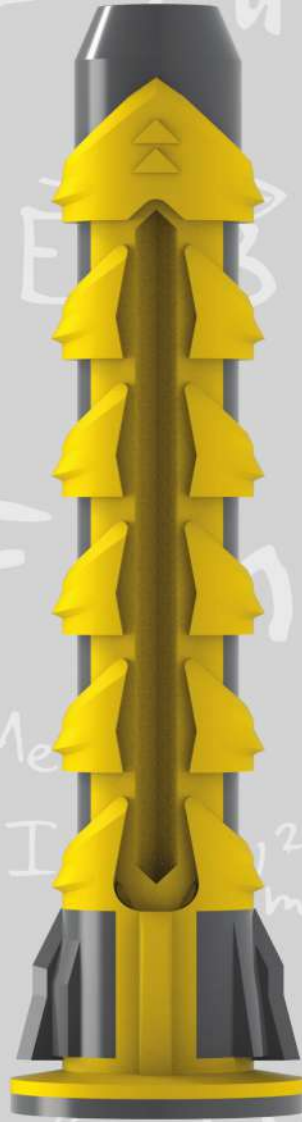
THERMOCHEMICAL BOND



NON-SLIP SURFACE



HIGH PERFORMANCE



expansions type



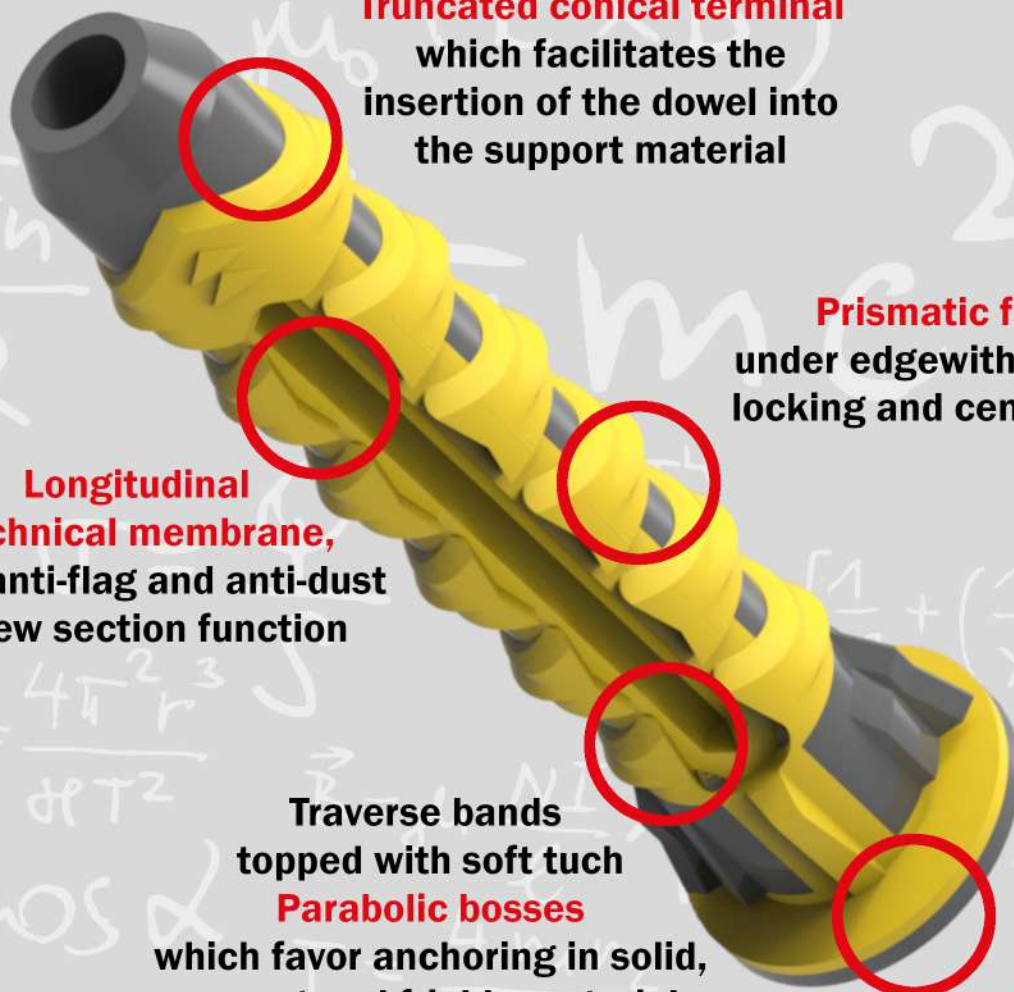
SOLID MATERIALS



HOLLOW MATERIALS

extraction values Ø6/Ø8

cls 180/190 daN	horizontal perforated 35/39 daN	hollow brick 39/119 daN	solid brick 78/86 daN
tuff 44/73 daN	drywall 19/37 daN	gasbeton 19/44 daN	calcium sulfate 46/59 daN



Truncated conical terminal
which facilitates the
insertion of the dowel into
the support material

Prismatic fins system
under edgewise with anti-rotation
locking and centering function

**Longitudinal
technical membrane,**
with anti-flag and anti-dust
screw section function

**Traverse bands
topped with soft touch
Parabolic bosses**
which favor anchoring in solid,
compact and friable materials,
generating a circular knot

Double bi material edge
with increased diameter with
anti-rotation function on
support material



PRODUCT DESCRIPTION

High performance universal bi-component anchor adaptable to all solid and perforated supports, compact and brittle for both static stress and suitable for dynamic stress.



MAIN APPLICATIONS

Fixing of lamps, ceiling fan, curtain guides and rails, home automation panels, small wall units and cabinets, light carpentry, switches and electrical panels, letter boxes, etc....

CHARACTERISTICS

- ▶ Body made up of a rigid endoskeleton to facilitate insertion during the installation phase and a soft-touch exoskeleton with anti-slip and anti-vibration properties which allows perfect adaptability and adherence within the support material.
- ▶ Indissoluble thermochemical bond between endoskeleton and exoskeleton which allows the use of both mechanical characteristics of the individual components which add up to guarantee high performance
- ▶ the exoskeleton is characterized by bands transverse to the axis surmounted by parabolic bosses which allow anchoring in compact and friable solid materials with a twist knotting while in perforated materials or slabs they contribute together with the endoskeleton to a knotting around the screw on 360 ° ensuring a perfect balance.
- ▶ the edge of the increased dowel allows greater stability during installation of the dowel while its two-component construction allows for high mechanical resistance in the upper part of the edge during striking and in the lower soft-touch part greater friction on the material support and a bearing function during the tapping operation. Finally, the increased edge prevents the plug from slipping into the installation hole while the internal funnel-shaped morphology facilitates the insertion of the screw during the installation phase.

CHARACTERISTICS

- ▶ integrated system of under-collar fins on the endoskeleton with anti-rotation function and support during the tightening phase, reclining fins in the initial part of the exoskeleton with anti-rotation, anchoring and centering function in solid and perforated materials or sheets where also in the lower part of the thickness of the sheet or panel, the anti-rotation function is performed.
- ▶ Technical membrane in the central body of the anchor with anti-flagging function of the screw, anti-dust as it prevents drilling dust from coming into contact with the screw thread.
- ▶ the truncated-conical terminal allows easy insertion inside the installation hole and contributes to the perception of the end stop at the end of the tightening phase.
- ▶ Wide range of screw and python accessories for use in multiple applications.
- ▶ The wide packaging range allows use throughout the distribution chain.

INSTALLATION TIPS

Installation on solid materials



Installation on hollow materials



EMC2/6



EMC2/8



Size				Extraction values in daN		
type	values in mm			CLS c20/25		
	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	180,00	169,26	168,08
	8	50	4,5X60	190,00	366,00	187,54
values in mm				Horizontal perforated brick		
type	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	34,39	68,92	18,70
	8	50	4,5X60	38,85	115,10	19,40
values in mm				Perforated brick		
type	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	38,90	91,64	39,10
	8	50	4,5X60	119,68	228,00	104,40
values in mm				Solid brick		
type	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	78,00	96,14	58,50
	8	50	4,5X60	86,00	153,94	74,70
values in mm				Tuff		
type	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	44,00	84,64	34,40
	8	50	4,5X60	73,00	158,80	77,40
values in mm				drywall		
type	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	19,00	39,9	18,30
	8	50	4,5X60	37,00	83,20	25,90
values in mm				Gasbeton		
type	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	19,00	48,24	11,20
	8	50	4,5X60	44,04	113,12	31,58
values in mm				calcium silicate		
type	Ø	L	screw	traction	Shear	multidirectional traction
	6	40	3,5X50	46,60	77,30	31,30
	8	50	4,5X60	59,80	146,60	60,60

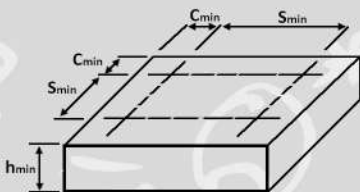


type	values in mm			multiple sine cycle seismic traction 0.05Hz
	Ø	L	vite	on cls c20/25 valori in daN
	6	40	3,5X50	58,20
	8	50	4,5X60	149,40



Test are performed by DICAR di Pavia, Department of civil engineering and architecture of Pavia University

INSTALLATION CONDITIONS



Type of anchor	EMC2 Ø6	EMC2 Ø8
For applications on CLS 20/25 N/mm ²	mm	mm
Minimum distance between anchors (S _{min})	55	60
Minimum distance from the edge (C _{min})	55	70
Minimum thickness of the support material (h _{min})	60	80