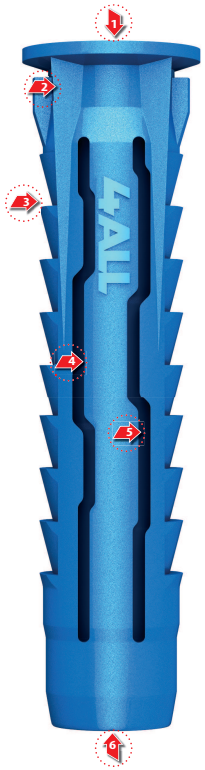
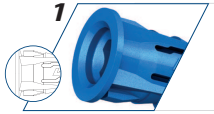
High Quality Nylon



1 

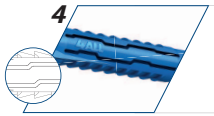
UNIQUE INTERNAL DESIGN PROVIDES POSITIVE GRIP FOR SCREWS

2 

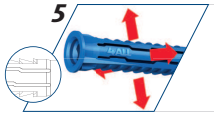
ANTI ROTATIONAL LUGS PROMOTE GRIP IN ALL MATERIALS INCLUDING SOFT MASONRY MATERIALS

3 

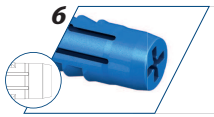
RIB DETAIL AT PLUG HEAD PROVIDES ADDED GRIP IN ALL SUBSTRATES

4 

EXPANSION DETAIL DESIGNED TO COLLAPSE IN HOLLOW SURFACES AND PROVIDE POSITIVE GRIP IN HOLLOW SURFACES

5 

UNIQUE 4 WAY EXPANSION ALLOWING APPLICATION IN ANY SUBSTRATE MATERIAL AND TYPE

6 

SOLID DETAILED HEAD PROVIDES STRENGTH WHILST PLUG IS INSTALLED

www.koelner.pl
www.rawlplug.com

RAWLPLUG

RAWLPLUG – HISTORY

In 1910, during the installation of electrical fittings at the British Museum in London, a British engineer named John Rawlings used an expansion anchor as a securing method, for the very first time. The world's first expansion plug of Rawlings' design was patented in 1912. Since then, the name RAWLPLUG has become synonymous as a symbol of quality throughout the world.

For nearly a century, RAWLPLUG has developed and marketed innovative solutions in fixing technology, such as the Rawlbolt in fact in 1999 Rawlplug became the first UK manufacturer to obtain European approvals (ETA's) for cracked and non cracked concrete.

Rawlplug Fixings are used all over the world, and the list of famous buildings in which they have been installed is impressive.

One such structure is the Statue of Liberty on Liberty Island in New York. Erected between 1884 and 1886 when it was dedicated, the monument was a gift from the French people to the United States of America to commemorate the 100th anniversary of the American Declaration of Independence. Rawlplug's fixings were used to attach lighting fixtures in this most iconic symbol of America at the start of the 20th century.



THE ORIGINAL RAWLPLUG SINCE 1919

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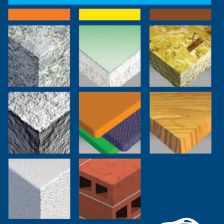
RAWLPLUG

4ALL

HIGH PERFORMANCE
NYLON PLUG



FOR ALL TYPES OF SUBSTRATES



Use the QR Code

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THE ORIGINAL RAWLPLUG SINCE 1919

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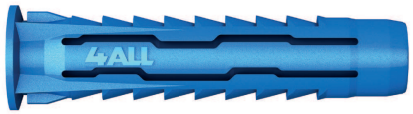
PRODUCT INFORMATION



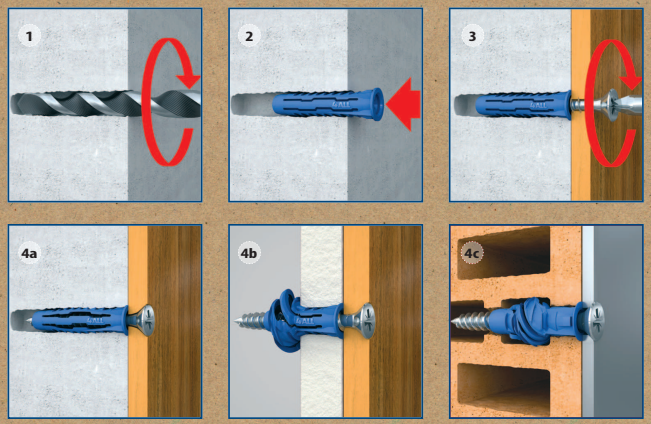
HOLE DIAMETER [mm]	HOLE DEPTH [mm]	PLUG DIAMETER [mm]	PLUG LENGTH [mm]	QUANTITY PCS	PRODUCT CODE	SCREW DIAMETER [mm]
5	≥35	5	25	100	4ALL-05	3 - 4
6	≥40	6	30	100	4ALL-06	4 - 5
8	≥50	8	40	100	4ALL-08	4,5 - 6
10	≥70	10	50	50	4ALL-10	6 - 8



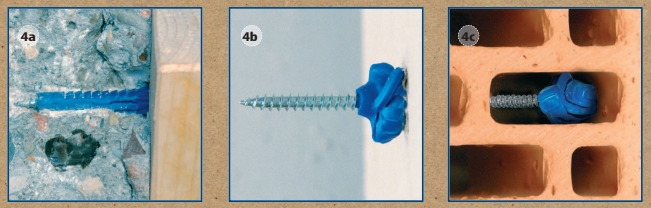
HOLE DIAMETER [mm]	HOLE DEPTH [mm]	PLUG DIAMETER [mm]	PLUG LENGTH [mm]	SCREW [mm]	HEAD	MAX FIXTURE THICKNESS FOR SUITABLE SCREW [mm]	QUANTITY PCS	PRODUCT CODE
5	≥35	5	25	3,5x30	PZ2	2	50	4ALL-05+3530
6	≥40	6	30	4,5x40	PZ2	5	50	4ALL-06+4540
8	≥50	8	40	5,0x60	PZ2	15	50	4ALL-08+5060
10	≥70	10	50	6,0x60	PZ3	5	25	4ALL-10+6060

RAWLPLUG

INSTALLATION



EXAMPLES OF USE



CONCRETE PLASTERBOARD HOLLOW BRICK

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HIGH PERFORMANCE
NYLON PLUG

PERFORMANCE DATA

SUBSTRATE	PLUG [mm]	SCREW DIAMETER [mm]	MIN. SCREW LENGTH [mm]	EMBEDMENT DEPTH [mm]	CHARACTERISTIC RESISTANCE [kg]	DESIGN RESISTANCE [kg]
Concrete	5x25	3,5	30	25	29	15
	6x30	4,5	40	30	51	25
	8x40	5,0	60	40	74	40
	10x50	6,0	60	50	112	60
Hollow Brick class 12/0,9	5x25	3,5	30	25	25	10
	6x30	4,5	40	30	62	20
	8x40	5,0	60	40	68	23
	10x50	6,0	60	50	89	40
Blockwork class 5/0,6	5x25	3,5	30	25	38	20
	6x30	4,5	40	30	39	20
	8x40	5,0	60	40	41	27
	10x50	6,0	60	50	98	50
Plasterboard 9,5mm	5x25	3,5	30	25	13	7,5
	6x30	4,5	40	30	12	10
Plasterboard 12,5mm	8x40	5,0	60	40	27	15
	10x50	6,0	60	50	17	16



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