



SISTEMI DI FISSAGGIO
E CONSOLIDAMENTO

FASTENING SYSTEMS
AND STRENGTHENING

SYSTEMES DE FIXATION
ET RESTAURATION

BEFESTIGUNGSSYSTEME
NACHBEWEHRUNGSSYSTEME

abstract
**THE
ANCHOR
SYSTEM**



www.bossong.com

2025



E-PLUS

PURE EPOXY RESIN
STYRENE FREE



Option 1 - Option 7



SEISMIC - (C2)



Rebar Fixing - (C1)



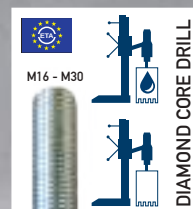
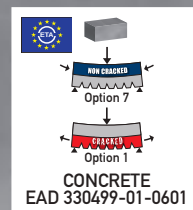
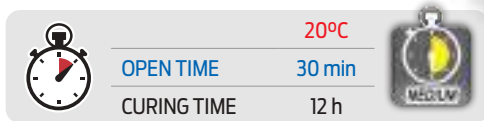
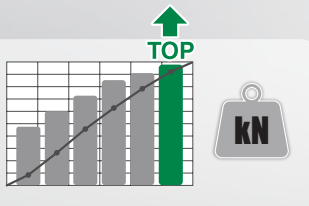
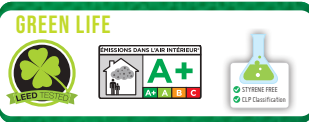
Post-Installed Rebar



THREADED ROD (C2)
EAD 330499-02-0601



POST INSTALLED REBAR
EAD 330087-01-0601





V-PLUS

VINYLESTER RESIN
STYRENE FREE



Option 1 - Option 7



SEISMIC - C1 C2



Rebar Fixing



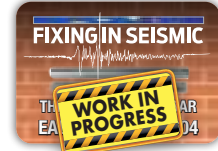
Post-Installed Rebar



FIXING IN SEISMIC
THREADED ROD C1 C2
EAD 330499-02-0601



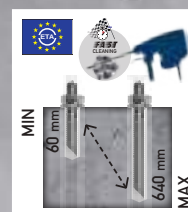
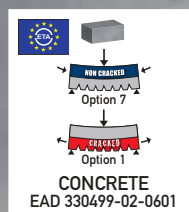
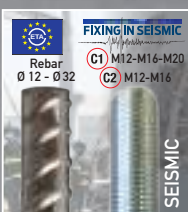
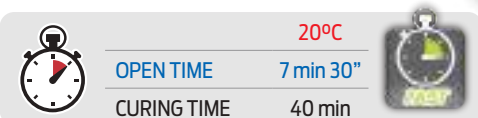
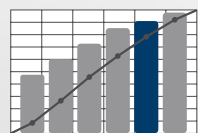
FIXING IN SEISMIC
POST INSTALLED REBAR
EAD 330087-01-0601



FIXING IN SEISMIC
THREADED ROD C1 C2
EAD 330087-01-0601



V-PLUS - EPD ITALY0557 - 02.2024 / 02.2029





HYBRID

HYBRID RESIN
STYRENE FREE



Option 1 - Option 7



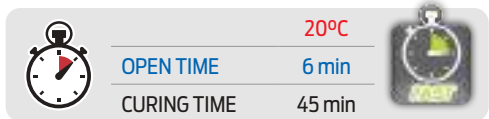
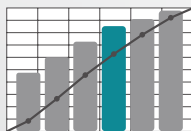
SEISMIC - C1 C2



Rebar Fixing



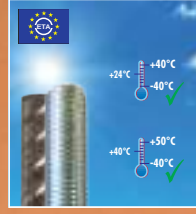
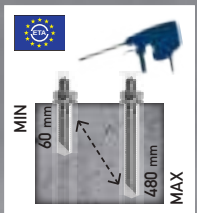
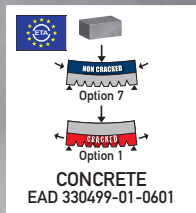
Seismic Masonry



BCR-400
HYBRID

BCR-300
HYBRID

BCR-165
HYBRID





POLY SF

POLYESTER RESIN
STYRENE FREE



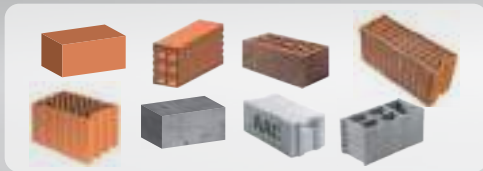
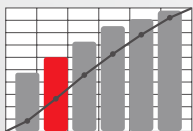
Option 7



POLY SF - EPDITALY0555 - 02.2024 / 02.2029



AVAILABLE FOR
BCR-400
BCR-300



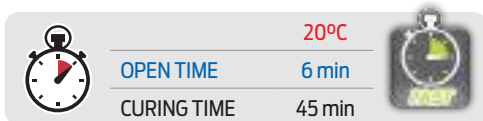
BCR-400
POLY SF



BCR-300
POLY SF



BCR-165
POLY SF



STORAGE AND CONSERVATION



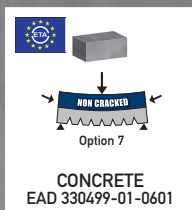
EXPIRY (months)



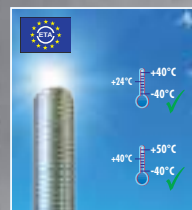
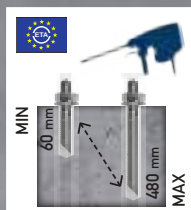
EXPIRY (months)



Option 7
M8 - M24
Class 4.8 - 8.8
Inox A2-A4-HCR / 50-70-80



CONCRETE
EAD 330499-01-0601



MASONRY
EAD 330076-01-0604



HOLLOW MASONRY
EAD 330076-01-0604
M8 - M12
Class 4.8 - 8.8
Inox A2-A4-HCR / 50-70-80



SOLID MASONRY
EAD 330076-01-0604
Ø8 - Ø12 / M8 - M16
Class 4.8 - 8.8
Inox A2-A4-HCR / 50-70-80



AAC MASONRY
EAD 330076-01-0604
M8 - M16
Class 4.8 - 8.8
Inox A2-A4-HCR / 50-70-80



STONE COLOUR *

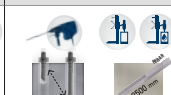
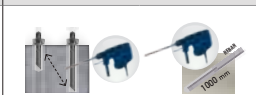
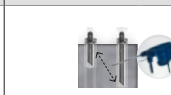
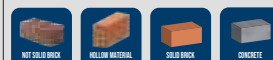
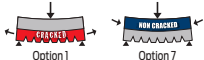
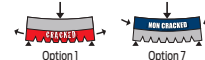
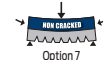
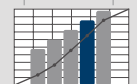
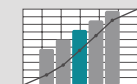
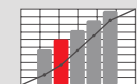


STONE COLOUR
PAINTABLE



ml



	RATIO 3:1	RATIO 2:1	RATIO 10:1	RATIO 10:1	RATIO 10:1
	E-PLUS	EPOXY 21	V-PLUS WINTER TROPICAL	HYBRID	POLY SF
					
FORMATO SIZE DIMENSION GRÖÖE	385-585-1000	265	165-300-400-825	165-300-400	165-300-400
	✓	✗	✓	✓	✓
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓
TEMPERATURE DI ESERCIZIO SERVICE TEMPERATURES TEMPÉRATURES DE TRAVAIL TEMPERATURBESTÄNDIGKEIT NACH AUSHÄRTUNG	+24°C - +40°C +43°C - +55°C +50°C - +80°C	+24°C - +40°C +50°C - +80°C	+24°C - +40°C +50°C - +80°C +72°C - +120°C	+24°C - +40°C +40°C - +50°C	+40°C - +50°C
INSTALLAZIONE INSTALLATION INSTALLATION					
MATERIALE BASE CONSIGLIATO BASE MATERIAL SUGGESTED MATÉRIEL DE BASE SUGGÉRÉE EMPFOHLENES MATERIAL					
CALCESTRUZZO CONCRETE BETON BETON					
PRESENZA D'ACQUA WATER IN PLACE EAU SUR PLACE WASSER IN PLAZ					
TEMPO DI LAVORABILITÀ E DI MESSA IN CARICO OPEN TIME AND CURING TIME TEMPS DE MANIPULATION ET DE CHARGE VERARBEITUNGSZEIT UND AUSHÄRTEZEIT	20°C 30 min 12 h	20°C 50 min 16 h	20°C 7 min 30" 40 min 0°C 25 min / 1h40" -20°C 2h / 48 h 20°C 14 min / 1h 50°C 2 min / 20 min	20°C 6 min 45 min	20°C 6 min 45 min
CARICO LOAD CHARGE LAST					
STOCCAGGIO STORAGE STOCKAGE LAGERUNG	+ 30°C + 5°C	+ 30°C + 5°C	+ 30°C + 5°C	+ 30°C + 5°C	+ 30°C + 5°C
DURATA EXPIRY ECHÉANCE HALTBARKEIT	24 mesi > months mois > Monate	16 mesi > months mois > Monate	16 (825/400 ml) mesi > months	14 (300/165 ml) mois > Monate	16 (400 ml) mesi > months



ml

	RATIO 3:1 E-PLUS	RATIO 2:1 EPOXY 21	RATIO 10:1 V-PLUS WINTER TROPICAL	RATIO 10:1 HYBRID	RATIO 10:1 POLY SF
					
FORMATO SIZE DIMENSION GRÖÖE	385 - 585 - 1000	265	165 - 300 - 400 - 825	165 - 300 - 400	165 - 300 - 400
	✓ 	✓	✓ 	✓	✓
FIXING Threaded rod Rebar	 EAD 330489-02-0601 ETA - 22/0469 Option 1 - Option 7  EAD 330489-02-0601 ETA - 22/0469 Rebar Fixing - C1	 EAD 330489-02-0601 ETA - 11/0344 Option 1 - Option 7	 EAD 330489-02-0601 ETA - 09/0140 Option 1 - Option 7  EAD 330489-02-0601 ETA - 09/0140 Rebar Fixing	 EAD 330489-02-0601 ETA - 15/0559 Option 1 - Option 7  EAD 330489-02-0601 ETA - 15/0559 Rebar Fixing	 EAD 330489-02-0601 ETA - 15/0560 Option 7
SEISMIC	 EAD 330489-02-0601 ETA - 22/0469 SEISMIC - C2  EAD 330489-02-0601 ETA - 22/0469 FIXING IN SEISMIC Threaded rod C2 EAD 330489-02-0601	 EAD 330489-02-0601 ETA - 11/0344 SEISMIC - C2  EAD 330489-02-0601 ETA - 11/0344 FIXING IN SEISMIC Threaded rod C2 EAD 330489-02-0601	 EAD 330489-02-0601 ETA - 09/0140 SEISMIC - C1 C2  EAD 330489-02-0601 ETA - 09/0140 FIXING IN SEISMIC Threaded rod C1 C2 EAD 330489-02-0601	 EAD 330489-02-0601 ETA - 15/0559 SEISMIC - C1 C2  EAD 330489-02-0601 ETA - 15/0559 FIXING IN SEISMIC Threaded rod C1 C2 EAD 330489-02-0601	✗
POST-INSTALLED REBAR	 EAD 330087-01-0601 ETA - 22/0468 Post-Installed Rebar  EAD 330087-01-0601 ETA - 22/0468 FIXING IN SEISMIC Post-Installed Rebar EAD 330087-01-0601	 EAD 330087-01-0601 ETA - 11/0345 Post-Installed Rebar	 EAD 330087-01-0601 ETA - 09/0246 Post-Installed Rebar  EAD 330087-01-0601 ETA - 09/0246 FIXING IN SEISMIC Post-Installed Rebar EAD 330087-01-0601	✗	✗
MASONRY 	✓	✓		 EAD 330076-01-0604 ETA - 24/0016 Solid Masonry  EAD 330076-01-0604 ETA - 24/0719 Solid Masonry  EAD 330076-01-0604 ETA - 24/0719 FIXING IN SEISMIC Threaded rod C1 C2 EAD 330076-01-0604	 EAD 330076-01-0604 ETA - 11/0396
	✓	✓	✓	✗	✗
TEST REPORT		 	  	✗	 
APPLICATION	E-PLUS	EPOXY 21	V-PLUS / WINTER / TROPICAL	HYBRID	POLY-SF
CIVIL BUILDING 	✓	✓	✓	✓	✓
INDUSTRIAL BUILDING 	✓	✓	✓	✓	✓
UNDERWATER 	✗	✓	✓	✗	✗
TROPICAL ZONE 	✓	✓	✓	✗	✗
VERY LOW TEMPERATURE 	✗	✗	✓	✗	✗



ACCESSORIES

FOR INSTALLATION OF CHEMICAL ANCHORS

400 ml

BOSS 400
Manual gun for
400 ml cartridges



BOSS 400 PRO
Professional gun for
400 ml cartridges



BOSS 400 BTR
Battery gun for
400 ml cartridges



Dosatron

BOSS 400 BAT LT
Battery gun for
400 ml cartridges



BOSS 400 P-PN
Pneumatic gun for
400 ml cartridges



300 ml

BOSS 300
Manual gun for
165-265-300 ml cartridges



BOSS 300 PRO
Professional gun for
165-265-300 ml cartridges



BOSS 300 BTR T
Battery gun for
165-265-300 ml cartridges



Dosatron

BOSS 300 BAT LT
Battery gun for
165-265-300 ml cartridges



BOSS 400 PNE
Pneumatic gun for
400 ml cartridges



EPOX

BOSS 2131 E-PRO
Professional gun for
385-585 ml cartridges



BOSS 585 E-BAT LT
Battery gun for
385-585 ml cartridges



BOSS 585 E-BTR
Battery gun for
385-585 ml cartridges



Dosatron

BOSS 2131 E-PN
Professional gun for
385-585 ml cartridges



BOSS 1000 E-PN
Pneumatic gun for
1000 ml cartridges



SCOV CN
Metal steel brush



SCOV CN Ø 14
SCOV CN Ø 16
SCOV CN Ø 18
SCOV CN Ø 20
SCOV CN Ø 22
SCOV CN Ø 27
SCOV CN Ø 32
SCOV CN Ø 37
SCOV CN Ø 42

PR-CN
Extension



CN-SDS
SDS connection



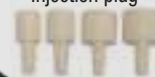
CN-S
Wedge



CN-L
Wedge



TP
Injection plug



TP Ø 18
TP Ø 20
TP Ø 24
TP Ø 25
TP Ø 28
TP Ø 30
TP Ø 35
TP Ø 40

BCR S-L
Blower pump



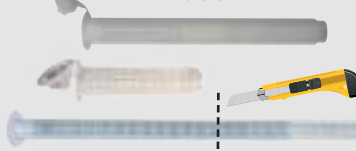
MIXER



GF
Metal sleeve



GCC

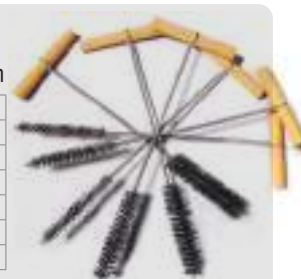


PR-MIXER

10x1000 / 10x500 / 10x380 / 10x200
Mixer extension

SCOV M
Metal steel brush

SCOV M Ø 12
SCOV M Ø 14
SCOV M Ø 16
SCOV M Ø 18
SCOV M Ø 20
SCOV M Ø 26
SCOV M Ø 30





COL

**CASTING EPOXY-BASED RESIN
FOR STRUCTURAL BONDING**



EN 1504-4:2004



STORAGE AND CONSERVATION



EXPIRY (months)



BCR 1,25 K COL MIX EPOX

THIXOTROPIC FORMULATION
GREY COLORED



EN 1504-4:2004



BCR 5 K COL MIX EPOX

FLUID FORMULATION
GREY COLORED



EN 1504-4:2004



BCR 5 K COL MIX EPOX RAL 1015

FLUID FORMULATION
WOOD COLORED



EN 1504-4:2004



BCR 5 K COL MIX EPOX TIXO

THIXOTROPIC FORMULATION
GREY COLORED

BCF

POLYURETHANE FOAM



STORAGE AND CONSERVATION



EXPIRY (months)



EXPIRY (months)



BCF 750 TA B2 AUT



BCF 750 IS B1 AUT



EN 13501

BCF 750 FIRE MAN



**BCF 750 B3 AUT
BCF 750 TC B3 AUT
BCF 750 TA B2 AUT
BCF 750 IS B1 AUT**



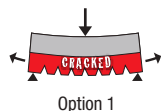
**BOSS 750 A
BOSS 750 EC
BCF SOLVENT**



**BCF 750 B3 MAN
BCF 750 TC B3 MAN
BCF 750 FIRE MAN**



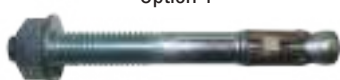
NWS-CE1 THROUGHBOLT



Use with
different
anchorage
depth

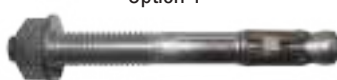


NWS-CE1
Option 1



M8-M10-M12-M16-M20-M24-M27
L [mm] 75 ... 300

NWS-CE1X4
Option 1



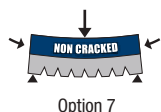
M8-M10-M12-M16-M20-M24
L [mm] 75 ... 325

NWS-CE1 HDG
Option 1



M10-M12-M16
L [mm] 90 ... 145

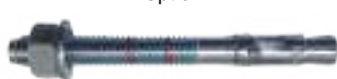
NWS-CE THROUGHBOLT



Use with
different
anchorage
depth



NWS-CE
Option 7



M6-M8-M10-M12-M14-M16-M20
L [mm] 60 ... 270

NWS-CEX2
Option 7



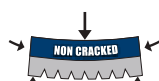
M6-M8-M10-M12-M16-M20
L [mm] 60 ... 220

NWS-CEX4
Option 7



M6-M8-M10-M12-M16-M20
L [mm] 60 ... 220

NWS THROUGHBOLT



NWS



M6-M8-M10-M12-M14-M16-M20-M24
L [mm] 45 ... 900

NWS-HDG

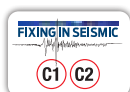
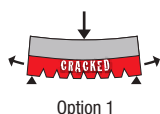


M6-M8-M10-M12-M16-M20
L [mm] 60 ... 220



CLS-CE

CONCRETE SCREW



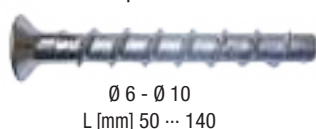
Use with
different
anchorage
depth



CLS-H CE
Option 1



CLS-S CE
Option 1



CLS-B CE
Option 1

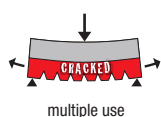


CLS-I CE
Option 1



JUNIOR

DROP IN ANCHOR



JB-CE
multiple use



JBB-CE
multiple use

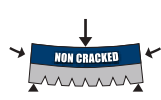


PJ



BPB

EXPANSION ANCHOR



BPB-C



BPB MET X2



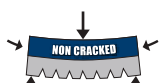
BPB TS





BR

EXPANSION ANCHOR



BUL
BRTSX2 9L
M6 Ø9
Ø55 washer

BRB



BRTS



GCRB



GARB



BRBX2



BRTSX2



GCRBX2

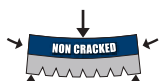


BRTS-TX40



BA

THREADED INSIDE ANCHOR



BAB



M6 Ø12 - M8 Ø14 - M10 Ø16 - M12 Ø20 - M16 Ø24
L [mm] 50 ... 115

BABF



M6 Ø12 - M8 Ø14 - M10 Ø16
L [mm] 65 ... 95

BA



M6 Ø12 - M8 Ø14 - M10 Ø16
M12 Ø20 - M16 Ø24
L [mm] 40 ... 90

BAGC



M6 Ø12 - M8 Ø14 - M10 Ø16 - M12 Ø20
Lc [mm] 70 ... 155

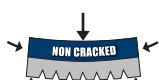
BAGA



M6 Ø12 - M8 Ø14 - M10 Ø16 - M12 Ø20
Lc [mm] 70 ... 120

FBR

THREADED INSIDE ANCHOR



FBR-RBD



M6 Ø10 - M8 Ø12 - M10 Ø15 - M12 Ø18
L [mm] 80 ... 140

FBR-GA



M6 Ø10 - M8 Ø12 - M10 Ø15 - M12 Ø18
Lc [mm] 65 ... 120

GR



M10 Ø15 - M12 Ø18
Lc [mm] 100 ... 130

FBR / FBRX2



M6 Ø10 - M8 Ø12
M10 Ø15 - M12 Ø18
L [mm] 45 ... 75

FBR-B



M6 Ø10 - M8 Ø12 - M10 Ø15 - M12 Ø18
L [mm] 50 ... 100

FBR-BF



M6 Ø10 - M8 Ø12 - M10 Ø15 - M12 Ø18
L [mm] 70 ... 130

FBR-GC



M6 Ø10 - M8 Ø12 - M10 Ø15 - M12 Ø18
Lc [mm] 65 ... 110



AP/AF

SCREWS FOR STEEL



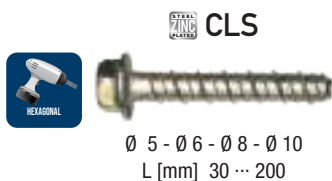
VL

SCREWS FOR WOOD



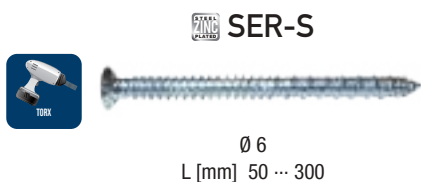
CLS

SCREWS FOR CONCRETE



SER

SCREWS FOR CONCRETE





JNS-PLUS

FRAME ANCHORS



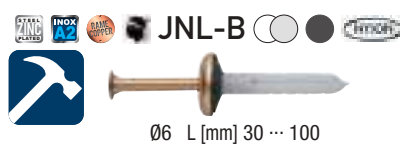
JNP

HAMMER PLUG



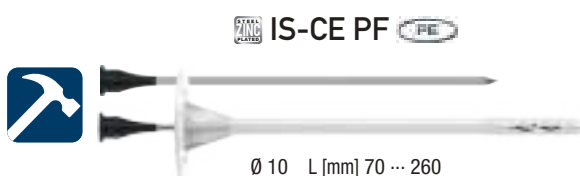
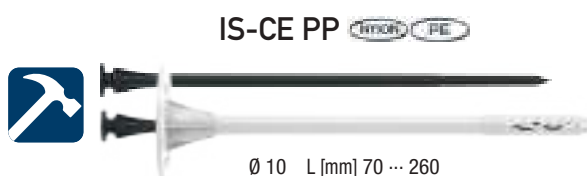
JNL

FOR TINSMITH



IS

ANCHORS FOR INSULATION



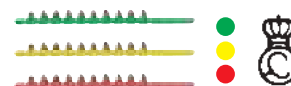


BOSS 8000

BOSS 8000 / M75



6,8 / 11 ML



KDH



BOSS 6000

BOSS 6000+M35



KDH L [mm] 20 ... 95



KDHM L [mm] 20 ... 75



KDHR Ø 15 - Ø 22 - Ø 36
L [mm] 30 ... 60



KISL Ø 30 - Ø 60
L [mm] 40 ... 65



KDC Ø 47
L [mm] 55 ... 75



BOSS 3500

BOSS 4000



KD/KR



KD L [mm] 25 ... 75



FKD Ø 22
L [mm] 40



KDRB Ø 22 L [mm]
30 ... 60



KDHMC L [mm] 47 ... 62



KR L [mm] 20 ... 100



BOSS G-42

BOSS G-90W



G-40

G-40 L [mm] 17 ... 38



R-D

R-DPK
R-DRK
R-DRG





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