

HTC Superfloor™
Platinum

The intention of the first grinding step is to create a surface that is as flat as possible. It is the foundation for a good end result. All subsequent grinding steps - must remove the scratches from the previous grinding step. Resin/plastic bonded diamond tools should be used with flexible tool holder.

Xtremely hard concrete	Hard concrete
X3	H2
X4	H4
X5	RESIN ★ Alternative H5
RESIN ★	RESIN ★
Impregnation with HTC Cure+	Impregnation with HTC Cure+
RESIN ★	RESIN ★
RESIN ★	RESIN ★
RESIN ★	RESIN ★
RESIN ★	RESIN ★
Optional surface treatment: HTC Stain Protection or HTC Cleaner	Optional surface treatment: HTC Stain Protection or HTC Cleaner

★ Flexible tool holder

HTC Superfloor™
Gold

Coarse/flat grinding is not included in this concept. This requires that the surface is already smooth and flat, otherwise - use the grinding process for HTC Superfloor Platinum. All subsequent grinding steps must remove the scratches from the previous grinding step. Plastic Bonded diamonds should be used with flexible tool holder.

RESIN ★
RESIN ★
RESIN ★
Impregnation with HTC Cure+
RESIN ★
RESIN ★
RESIN ★
Optional surface treatment: HTC Stain Protection or HTC Cleaner

★ Flexible tool holder

HTC Superfloor™
Silver

The intention of the first grinding step is to create a surface that is as flat as possible. It is the foundation for a good end result. All subsequent grinding steps - must remove the scratches from the previous grinding step. Plastic Bonded diamonds should be used with flexible tool holder.

METAL (Gold)
METAL
Impregnation with HTC Cure+
RESIN ★
Optional surface treatment: HTC Stain Protection or HTC Pore Primer

★ Flexible tool holder

HTC Superfloor™
Bronze

This is a process for polishing a surface. Curing of the material with Silicate can be added. The surface must be smooth and even. It works good on intensely steel trowelled concrete and hard concrete or dry shake toppings. Fenix pads usually works best.

RESIN ★
Impregnation with HTC Cure+
RESIN ★
RESIN ★
Optional surface treatment: HTC Stain Protection or HTC Pore Primer

Article numbers on HTC diamond tools

	Metal tools		Art no.		Resin tools		Art no.	
Formerly C Series	EZ S2 Gold	213049-2 (DS) 213050-2 (SS)			EZ BBX 2 Gold	212852		
	EZ S3 Grey	213049-3 (DS) 213050-3 (SS)			EZ BB 3 Grey	212042		
	EZ S4 Brown	213049-4 (DS)			EZ BB 4 Brown	212043		
	EZ S5 Black	213049-5 (DS)			EZ BB 5 Black	212044		
Formerly CA Series	EZ M0 Lilac	213055-0 (DS) 213056-0 (SS)			EZ BB 6 Blue	212045		
	EZ M1 Silver	213055-1 (DS) 213056-1 (SS)			EZ BB 7 Red	212046		
	EZ M2 Gold	213055-2 (DS) 213056-2 (SS)			EZ BB 8 White	212047		
	EZ M3 Grey	213055-3 (DS) 213056-3 (SS)			EZ SR 3 Grey	212360		
	EZ M4 Brown	213055-4 (DS) 213056-4 (SS)			EZ SR 4 Brown	212361		
	EZ M5 Black	213055-5 (DS) 213056-5 (SS)			EZ SR 5 Black	212362		
	EZ H0 Lilac	212977-0 (DS) 212978-0 (SS)			EZ SR 6 Blue	212363		
	EZ H1 Silver	212977-1 (DS) 212978-1 (SS)			EZ SR 7 Red	212364		
	EZ H2 Gold	212977-2 (DS) 212978-2 (SS)			EZ SR 8 White	212365		
	EZ H3 Grey	212977-3 (DS) 212978-3 (SS)			EZ SR 9 Yellow	212366		
Formerly SF Series	EZ H4 Brown	212977-4 (DS) 212978-4 (SS)			EZ FP 10 Black	211494		
	EZ H5 Black	212977-5 (DS) 212978-5 (SS)			EZ FP 20 Blue	211495		
	EZ X2 Gold	213036-2 (DS) 213037-2 (SS)			EZ FP 30 Red	211496		
	EZ X3 Grey	213036-3 (DS) 213037-3 (SS)			EZ FP 40 White	211497		
Formerly CX Series	EZ X4 Brown	213036-4 (DS) 213037-4 (SS)			EZ FP 50 Yellow	211498		
	EZ X5 Black	213036-5 (DS) 213037-5 (SS)			EZ FP 60 Green	211499		
					EZ REP 00 Brown	211440		
					EZ REP 01 Black	211441		

Diamond Xpress	Art no.	
DX 3 Grey	212795-3 (230)	212796-3 (270)
DX 4 Brown	212795-4 (230)	212796-4 (270)
DX 5 Black	212795-5 (230)	212796-5 (270)
DX 6 Blue	212795-6 (230)	212796-6 (270)
DX 7 Red	212795-7 (230)	212796-7 (270)
DX 8 White	212795-8 (230)	212796-8 (270)
DX 9 Yellow	212795-9 (230)	212796-9 (270)
DX 10 Green	212795-10 (230)	212796-10 (270)

Floor prep tools	Art no.
EZ T-Rex® Classic A	502538
EZ T-Rex® Classic B	502539
EZ T-Rex DOME A Protect seg.	502548
EZ T-Rex DOME B Protect seg.	502546
EZ T-Rex® Super A	212454
EZ T-Rex® Super A Protect	212455
EZ T-Rex® Super B	212456
EZ T-Rex® Super B Protect	212457
T-Rex® Gold (ring)	
210767 (160mm)	
210868 (220mm A) 211551 (prot.s.)	
211293 (220mm B) 211552 (prot.s.)	
210869 (270mm A) 211172 (prot.s.)	
210870 (270mm B) 211318 (prot.s.)	



Head Office

HTC Sweden AB

P.O Box 69
SE-614 22 Söderköping
Sweden
Visiting address:
Klevvägen 7
614 92 Söderköping
Sweden

Tel: +46 (0)121-29400
Fax: +46 (0)121-15212
E-mail: info@htc-sweden.com
www.htc-floorsystems.com

HTC Floor Systems GmbH

Otto-Hahn-Str. 18
71069 SINDELFINGEN
Germany

Tel: +49 7031 410300 – 00
Fax: +49 7031 410300 – 22
E-mail: info@htc-europe.de
www.htc-floorsystems.com

HTC Inc.

PO Box 5077
Knoxville, TN 37928
USA

Tel: +1 865 689 2311
Fax: +1 865 689 3991
E-mail: info@htc-america.com
www.htc-floorsystems.com

HTC Floor systems Ltd.

Unit 4 Kingston Business Park
Dunfermline Court
Maidstone Road
Kingston
Milton Keynes
MK10 0BY
United Kingdom

Tel: +44 (0)845 4602500
Fax: +44 (0) 845 460 1500
E-mail: info@htc-europe.co.uk
www.htc-floorsystems.com

HTC France S.A.S.

ZI Mondeville Sud
Rue Nicéphore Niepce
14120 Mondeville
France

Tel: +33 (0)2 31 34 27 00
Fax: +33 (0)2 31 34 09 29
E-mail: info@htc-europe.fr
www.htc-floorsystems.com



Floor preparation / Coating removal

The HTC-method

Concrete grinding

SOFT CONCRETE	MEDIUM CONCRETE	HARD CONCRETE	XTREMELY HARD CONCRETE
S SERIES Moh's scratch test between 2-3	M SERIES Moh's scratch test between 3-5	H SERIES Moh's scratch test between 5-7	X SERIES Moh's scratch test between 7-9
	M0 10 grit	H0 10 grit	
	M1 16 grit	H1 16 grit	
S2 25 grit	M2 25 grit	H2 25 grit	X2 25 grit
S3 40 grit	M3 40 grit	H3 40 grit	X3 40 grit
S4 80 grit	M4 80 grit	H4 80 grit	X4 80 grit
S5 150 grit	M5 150 grit	H5 150 grit	X5 150

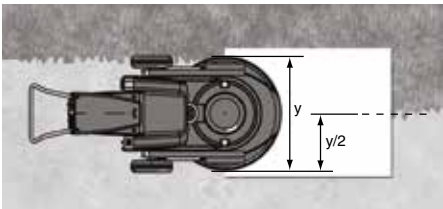
NB! Soft concrete causes more wear on the tools.
Check tools for wear after 10 mins. It takes about 20 to 30 days for newly-laid concrete to harden and attain its full strength. The values can vary depending on the quality of the concrete.

Coating removal

	M0	M1	T-Rex® Dome	Scarifier
Epoxy	● < 1 mm		● 1- 5 mm	● > 5 mm
Glue	●		●	✗
Paint	●		●	✗
Screed	●		●	● > 10 mm
Joints and ridges	●		✗	● > 10 mm

Adhesive removal

When removing residual adhesive, we recommend grinding with a 50% overlap to obtain best results.



Tool presentation



EZ T-Rex® Gold

An aggressive tool with a extremely high removal rate. Suitable for removal of paint, laquer, epoxy, acrylic and residues of glue and compunds.



EZ T-Rex® Dome

A robust and durable tool with a extremely high removal rate. Suitable for removal of paint, laquer, epoxy, acrylic and residues of glue and compunds.



EZ T-Rex® Super

A tool for quick results and for a more uniform scratch pattern. Suitable for removal of paint, laquer, epoxy, acrylic and residues of glue and compunds.



EZ T-Rex® Ring

An aggressive tool with a extremely high removal rate. Makes the machine run more balanced and you get a more uniform removal if the surface is very uneven.



EZ S2

S2 is used for grinding on very abrasive surfaces. The segment has a very long life.



EZ M0

A coarse segment for removal of various coatings. Works well on aggressive surfaces.



EZ M1

A standard segment for concrete, removal of adhesive, rain-damaged surfaces and newly-cast floors. The segment gives a coarsely-structured surface.



EZ H0

A coarse segment for removal of various coatings.



EZ H1

A standard segment for concrete, removal of adhesive, rain-damaged surfaces and newly-cast floors. The segment gives a coarsely-structured surface.



EZ X2

An extremely effective tool for concrete grinding. Recommended for hard concrete floors.

Marble/terrazzo/ limestone

Dry grinding



The intention of the first grinding step is to remove indentations and scratches. Repair joints after first step if necessary. All subsequent grinding steps must remove the scratches from the previous grinding step. HTC Stain Protection is recommended as a final treatment enhancing the natural color of the stone and reducing liquid absorption.

EZ BBX 2



Diamond Xpress 3 Grey



Diamond Xpress 4 Brown



Diamond Xpress 5 Black



Diamond Xpress 7 Red



Diamond Xpress 8 White



Diamond Xpress 10 Green



The Xpress-way - Shortened guide for terrazzo

EZ BBX 2



Alternative



Diamond Xpress 3 Grey



Diamond Xpress 6 Blue



Diamond Xpress 8 White



▲ Velcro holder

Granite

Wet grinding



The first grinding step must remove indentations and scratches. All subsequent grinding steps - must remove the scratches from the previous grinding step. Plastic Bonded diamonds should be used with flexible tool holder. To get the right color and deep gloss HTC Granite Spray and Powder together with stainless steel wool pads must be used.

SGW 2 Gold



SGW 3 Grey



SGW 4 Brown



SGW 5 Black



EZ FP 10



EZ FP 20



EZ FP 30



EZ FP 40



EZ FP 50



EZ FP 60



★ Flexible tool holder



Including the new
SMHX series



HTC Pocket Grinding Guide