

### UNICON'S PRODUCT PROGRAM

Unicon has a broad and well-documented product range, ready for production and delivery. The programme includes standard products and functional concrete types, produced and verified in accordance with current product standards. In addition, a number of functional concrete are declared according to own declaration.

Concrete for construction parts specified to comply with the exposure classes XS2, XS3, XF2, XF4 or XA3 must be ordered separately, as RAPID cement CEM I 52.5 N (LA) or LOW-ALKALI SULFATE RESISTING cement CEM I 42.5 N SR5 (EA) will be used here. These are outlined in more detail in the figure to the right.

### CO<sub>2</sub>-EQ. PER M3 CONCRETE

For each type of concrete, the  $\mathrm{CO}_2$  emission per m3 of concrete is listed for life cycle stages A1-A3 (Product phase), ref. EN 15804. These stages include provision of all raw materials and products for concrete production, transport to the production, internal transport, mixing process and waste treatment until "end of waste" or final disposal.

#### ENVIRONMENTAL IMPACTS / **EXPOSURE CLASSES** EXTRA PASSIVE MODERATE AGGRESSIVE XD2\* XC2 XD1 X0 XD3 XC1 XC3 XS1 XS2 XS3 XC4 XF1 XF2 XF4 XF3 XA3 XA2

- XS2: Chlorides from sea water. Permanently submerged / parts of marine constructions.
- XS3: Chlorides from sea water. Tidal, splash and spray zones.
- XF2: Freeze/thaw attack. Moderate water saturation, with de-icing agent. Vertical concrete surfaces.
- XF4: Freeze/thaw attack. High water saturation with de-icing agent or sea water.
- XA3: Highly aggressive chemical environment.  $S0_4^2 > 3000 \text{ mg}$  / l

Normative reference DS / EN 206 DK NA.

### STANDARD PRODUCTS ACC. TO DS/EN 206 DK NA

DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C12</b> /15	C16/20	<b>C20</b> /25	<b>C25</b> /30	<b>C30</b> /37	C35/45	<b>C30</b> /37	<b>C35</b> /45	<b>C40</b> /50
ENVIRONMENTAL IMPACT	Passive	Passive	Passive	Passive	Passive	Passive	Moderate	Aggressive	Extra ag- gressive
SLUMP CONCRETE DMAX 32 MM, SLUMP 40-120 MM	1,245	1,280	1,315	1,351	1,388	1,425	1,561	1,792	1,891
CO <sub>2</sub> EQ. PER M <sup>3</sup>	175 kg	205 kg	220 kg	245 kg	275 kg	305 kg	290 kg	370 kg	440 kg
LAVA BETON® (SCC-CONCRETE) DMAX 16 MM, SLUMP-FLOW 550 MM			1.462	1.496	1.534	1.573	1.662	1.914	2.016
CO <sub>2</sub> EQ. PER M <sup>3</sup>			230 kg	280 kg	300 kg	350 kg	310 kg	400 kg	470 kg

### FUNCTIONAL CONCRETE ACC. TO DS/EN 206 DK NA

DKK PER M<sup>3</sup> EXCL. VAT

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COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C20</b> /25	<b>C25</b> /30	<b>C30</b> /37	C35/45	<b>C30</b> /37	<b>C35</b> /45	<b>C40</b> /50
ENVIRONMENTAL IMPACT	Passive	Passive	Passive	Passive	Moderate	Aggressive	Extra ag- gressive
FLOOR CONCRETE G1 (COARSE AGGM) DMAX 32 MM, SLUMP 80-120 MM		1,513					
CO <sub>2</sub> EQ. PER M <sup>3</sup>		270 kg					
FLOOR CONCRETE G1 (COARSE AGGA) DMAX 32 MM, SLUMP 80-120 MM		1,586					
CO <sub>2</sub> EQ. PER M <sup>3</sup>		270 kg					
FLOOR CONCRETE G2 (COARSE AGGM) DMAX 32 MM, SLUMP 80-120 MM			1,574				
CO <sub>2</sub> EQ. PER M <sup>3</sup>			290 kg				
FLOOR CONCRETE G2 (COARSE AGGE) DMAX 32 MM, SLUMP 80-120 MM			1,646				
CO <sub>2</sub> EQ. PER M <sup>3</sup>			290 kg				
FLOOR CONCRETE G3 (COARSE AGGE) DMAX 32 MM, SLUMP 80-120 MM				1,714			
CO <sub>2</sub> EQ. PER M <sup>3</sup>				320 kg			
CONSTRUCTION CONCRETE (COARSE AGGE) DMAX 32 MM, SLUMP 60-120 MM LOW-ALKALI SULFATE RESISTING CEMENT						1,937	2,034
CO <sub>2</sub> EQ. PER M <sup>3</sup>						410 kg	480 kg
CONCRETE FOR CONSTRUCTION JOINTS DMAX 8 MM, SLUMP 200-240 MM		1,587	1,627	1,667	1,742	1,991	2,094
CO₂ EQ. PER M³		280 kg	310 kg	350 kg	340 kg	390 kg	450 kg

### UNI-GREEN®

### PRODUCTS WITH 25% CO<sub>2</sub> REDUCTION

UNI-Green® is a product category in rapid development, with focus on reducing the  $CO_2$  footprint. Here are our most sustainable concretes with a reduced  $CO_2$  footprint of 25% compared to the baseline for life cycle stages A1-A3\*.

UNI-Green® products must not be used for construction parts specified to comply with the exposure classes XS2, XF2, XS3, XF4 or XA3. These are outlined in more detail in the figure on the left on page 2.

\* Baseline for the stated environmental impacts (kg  $CO_2$  eq. per m3 of concrete) is the Ready-mix Concrete Association's 3-part verified industry EPDs (environmental product declarations) per. July 20, 2020. Where there is NO "convergence", the values are determined based on average mix designs across our plants. All values are rounded up to a multiple of 5.

### RECLAIMED CRUSHED AGGREGATE

Unicon replaces up to 20% of the coarse aggregate with reclaimed crushed aggregate in concrete exposed to passive environmental impact, all in accordance with the current concrete standard (DS / EN 206 DK NA), Annex E. In addition, it is also possible to supply functional concrete such as curb concrete with up to 100% substitution of the coarse aggregate. The reclaimed crushed aggregate originates primarily from own concrete production, crushed and recycled. This circular initiative became standard in 2020 and will for 2022 means a reduction of approx. 40.000 tons of virgin raw materials.

### UNI-GREEN® STANDARD PRODUCTS ACC. TO DS/EN 206 DK NA



DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C12</b> /15	C16/20	<b>C20</b> /25	<b>C25</b> /30	<b>C30</b> /37	C35/45	<b>C30</b> /37	<b>C35</b> /45	<b>C40</b> /50
ENVIRONMENTAL IMPACT	Passive	Passive	Passive	Passive	Passive	Passive	Moderate	Aggressive	Extra ag- gressive
UNI-GREEN® / SLUMP CONCRETE DMAX 32 MM, SLUMP 40-120 MM	1,245	1,280	1,315	1,351	1,388	1,425	1,561	1,792	1,891
CO₂ EQ. PER M³	135 kg	155 kg	165 kg	185 kg	210 kg	230 kg	220 kg	280 kg	330 kg
UNI-GREEN® / LAVA BETON® (SCC-COIDMAX 16 MM, SLUMP-FLOW 550 MM	NCRETE)		1.462	1.496	1.534	1.573	1.662	1.914	2.016
CO₂ EQ. PER M³			175 kg	210 kg	225 kg	265 kg	235 kg	300 kg	355 kg

### UNI-GREEN® FUNCTIONAL CONCRETE ACC. TO DS/EN 206 DK NA



DKK PER M<sup>3</sup> EXCL. VAT

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COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C20</b> /25	<b>C25</b> /30	<b>C30</b> /37	C35/45	<b>C30</b> /37	C35/45	<b>C40</b> /50
ENVIRONMENTAL IMPACT	Passive	Passive	Passive	Passive	Moderate	Aggressive	Extra ag- gressive
UNI-GREEN®/ FLOOR CONCRETE G1 (COARSE AGGM) DMAX 32 MM, SLUMP 80-120 MM		1,513					
CO₂ EQ. PER M³		205 kg					
UNI-GREEN°/ FLOOR CONCRETE G1 (COARSE AGGA) DMAX 32 MM, SLUMP 80-120 MM		1,586					
CO <sub>2</sub> EQ. PER M <sup>3</sup>		205 kg					
UNI-GREEN°/ FLOOR CONCRETE G2 (COARSE AGGM) DMAX 32 MM, SLUMP 80-120 MM			1,574				
CO <sub>2</sub> EQ. PER M <sup>3</sup>			220 kg				
UNI-GREEN°/ FLOOR CONCRETE G2 (COARSE AGGE) DMAX 32 MM, SLUMP 80-120 MM			1,646				
CO <sub>2</sub> EQ. PER M <sup>3</sup>			220 kg				
UNI-GREEN°/ FLOOR CONCRETE G3 (COARSE AGGE) DMAX 32 MM, SLUMP 80-120 MM				1,714			
CO <sub>2</sub> EQ. PER M <sup>3</sup>				240 kg			
UNI-GREEN® / CONCRETE FOR CONSTRUCTION JOINTS DMAX 8 MM, SLUMP 200-240 MM		1,587	1,627	1,667	1,742	1,991	2,094
CO <sub>2</sub> EQ. PER M <sup>3</sup>		210 kg	235 kg	265 kg	255 kg	295 kg	340 kg

FUNCTIONAL CONCRETE

UNI-GREEN FUNCTIONAL CONCRETE

## FUNCTIONAL CONCRETE ACC. TO DS/EN 206 DK NA

DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C20</b> /25	<b>C25</b> /30	<b>C30</b> /37	C35/45	<b>C30</b> /37	C35/45	<b>C40</b> /50
ENVIRONMENTAL IMPACT	Passive	Passive	Passive	Passive	Moderate	Aggressive	Extra aggressive
UNI-WINTER® - CONCRETE FOR CONSTRUCTION JOINT DMAX 8 MM, SLUMP 200-240 MM	'S > 0 ° C					2,563	
CO₂ EQ. PER M³						370 kg	
UNI-WINTER® - CONCRETE FOR CONSTRUCTION JOINT DMAX 8 MM, SLUMP 200-240 MM	S > -5 ° C					2,905	
CO <sub>2</sub> EQ. PER M <sup>3</sup>						370 kg	
UNI-DRY * W/C < 0.40 DMAX 16 MM, CLASS A MATERIALS, SLUMP 60-120 MM				1,898			
CO₂ EQ. PER M³				430 kg			
UNI-DRY* SCC-CONCRETE W/C < 0.40 DMAX 16 MM, CLASS A MATERIALS , SLUMP-FLOW 550 MM				1,990			
CO <sub>2</sub> EQ. PER M <sup>3</sup>				440 kg			
UNI-DRY® EXTRA W/C < 0.35 DMAX 16 MM, CLASS A MATERIALS , SLUMP 60-120 MM				1,991			
CO₂ EQ. PER M³				490 kg			
UNI-DRY * EXTRA, SCC-CONCRETE W/C <0.35 DMAX 16 MM, CLASS A MATERIALS , SLUMP-FLOW 550 MM				2,089			
CO <sub>2</sub> EQ. PER M <sup>3</sup>				490 kg			
UNI-READY® SCC-CONCRETE DMAX 16 MM, STONE MIN. CLASS M, STEEL FIBRES	1,688	1,721			1,888		
CO₂ EQ. PER M³	230 kg	270 kg			300 kg		
UNI-READY* G1 M32 DMAX 32 MM, SLUMP 60-120 MM, STEEL FIBRES		1,738					
CO <sub>2</sub> EQ. PER M <sup>3</sup>		260 kg					
UNI-READY* G1 M16 DMAX 16 MM, SLUMP 60-120 MM, STEEL FIBRES		1,807					
CO <sub>2</sub> EQ. PER M <sup>3</sup>		260 kg					
UNI-WALL DMAX 16 MM, SLUMP-FLOW 620 MM						2,035	
CO <sub>2</sub> EQ. PER M <sup>3</sup>						420 kg	

UNI-FUNDA® - 2Y 500	
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,657
CO₂ EQ. PER M³	240 kg
UNI-FUNDA ° - 2Y 600	1.599
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,377
CO <sub>2</sub> EQ. PER M <sup>3</sup>	240 kg
UNI-FUNDA * - 2Y 700	1,542
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM  CO <sub>2</sub> EQ. PER M <sup>3</sup>	240 kg
UNI-FUNDA * - 2Y 800	240 kg
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,514
CO <sub>2</sub> EQ. PER M <sup>3</sup>	240 kg
UNI-FUNDA ° - 2Y 900	1.485
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,403
CO₂ EQ. PER M³	240 kg
UNI-FUNDA ° - 3Y 600	1,771
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM  CO <sub>2</sub> EQ. PER M <sup>3</sup>	2/0/2
UNI-FUNDA® - 3Y 700	240 kg
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,530
CO₂ EQ. PER M³	240 kg
UNI-FUNDA° - 3Y 800	1,714
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,717
CO <sub>2</sub> EQ. PER M <sup>3</sup>	240 kg
UNI-FUNDA® - 3Y 900	1,629
DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	2/0/-
CO₂ EQ. PER M³	240 kg

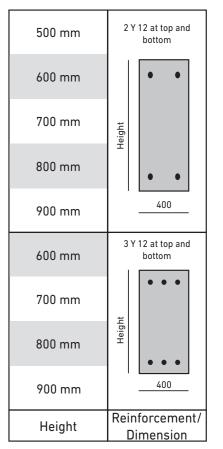
	420 kg
	1
500 mm	2 Y 12 at top and bottom
600 mm	• •
700 mm	Height
800 mm	
900 mm	400
600 mm	3 Y 12 at top and bottom
700 mm	• • •
800 mm	Height
900 mm	400
Height	Reinforcement/ Dimension

# UNI-GREEN® FUNCTIONAL CONCRETE ACC. TO DS/EN 206 DK NA

DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C20</b> /25	<b>C25</b> /30	<b>C30</b> /37	<b>C35</b> /45	<b>C30</b> /37	C35/45	<b>C40</b> /50
ENVIRONMENTAL IMPACT	Passive	Passive	Passive	Passive	Moderate	Aggressive	Extra ag- gressive
UNI-GREEN ° /UNI-WINTER° - CONCRETE FOR CONSTRU	CTION JO	INTS > 0	° C			2,563	
CO₂ EQ. PER M³						280 kg	
UNI-GREEN® /UNI-WINTER® - CONCRETE FOR CONSTRUCTION DMAX 8 MM, SLUMP 200-240 MM	CTION JOI	NTS > -5	° C			2,905	
CO₂ EQ. PER M³						280 kg	
UNI-GREEN*/UNI-DRY* W/C < 0.40 DMAX 16 MM, CLASS A MATERIALS, SLUMP 60-120 MM				1,898			
CO₂ EQ. PER M³				325 kg			
UNI-GREEN* /UNI-DRY* SCC-CONCRETE W/C < 0.40 DMAX 16 MM, CLASS A MATERIALS , SLUMP-FLOW 550 MM				1,990			
CO₂ EQ. PER M³				330 kg			
UNI-GREEN°/UNI-DRY° EXTRA W/C <0.35 DMAX 16 MM, CLASS A MATERIALS , SLUMP 60-120 MM				1,991			
CO₂ EQ. PER M³				370 kg			
UNI-GREEN*/UNI-DRY* EXTRA, SCC-CONCRETE W/C < 0.35 DMAX 16 MM, CLASS A MATERIALS , SLUMP-FLOW 550 MM	5			2,089			
CO₂ EQ. PER M³				370 kg			
UNI-GREEN*/UNI-READY* SCC-CONCRETE DMAX 16 MM, STONE MIN. CLASS M, STEEL FIBRES	1,688	1,721			1,888		
CO₂ EQ. PER M³	175 kg	205 kg			225 kg		
UNI-GREEN* / UNI-READY* G1 M32 DMAX 32 MM, SLUMP 60-120 MM, STEEL FIBRES		1,738					
CO₂ EQ. PER M³		195 kg					
UNI-GREEN® / UNI-READY® G1 M16 DMAX 16 MM, SLUMP 60-120 MM, STEEL FIBRES		1,807					
CO₂ EQ. PER M³		195 kg					
UNI-GREEN® / UNI-WALL DMAX 16 MM, SLUMP-FLOW 620 MM						2,035	
CO₂ EQ. PER M³						315 kg	

UNI-GREEN® / UNI-FUNDA® - 2Y 500 DMAX 32 MM. PASSIVE ENVIRONMENTAL IMPACT. SLUMP 60-120 MM	1,657
CO <sub>2</sub> EQ. PER M <sup>3</sup>	180 kg
UNI-GREEN® / UNI-FUNDA ® - 2Y 600 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,599
CO <sub>2</sub> EQ. PER M <sup>3</sup>	180 kg
UNI-GREEN® / UNI-FUNDA ® - 2Y 700 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,542
CO₂ EQ. PER M³	180 kg
UNI-GREEN® / UNI-FUNDA ® - 2Y 800 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,514
CO₂ EQ. PER M³	180 kg
UNI-GREEN® / UNI-FUNDA ® - 2Y 900 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,485
CO₂ EQ. PER M³	180 kg
UNI-GREEN® / UNI-FUNDA® - 3Y 600 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,771
CO₂ EQ. PER M³	180 kg
UNI-GREEN® / UNI-FUNDA® - 3Y 700 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,530
CO <sub>2</sub> EQ. PER M <sup>3</sup>	180 kg
UNI-GREEN® / UNI-FUNDA® - 3Y 800 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,714
CO₂ EQ. PER M³	180 kg
UNI-GREEN® / UNI-FUNDA® - 3Y 900 DMAX 32 MM, PASSIVE ENVIRONMENTAL IMPACT, SLUMP 60-120 MM	1,629
CO₂ EQ. PER M³	180 kg



### FUNCTIONAL CONCRETE ACC. TO DS/EN 206 DK NA

DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C35</b> /45
ENVIRONMENTAL IMPACT	Aggressive
UNI-DARK S6 - 6% COLOUR  DMAX 16 MM, CLASS E MATERIALS, SLUMP 60-120 MM  CO <sub>2</sub> EQ. PER M <sup>3</sup>	<b>2,856</b> 410 kg
UNI-DARK S10 - 10% COLOUR  DMAX 16 MM, CLASS E MATERIALS, SLUMP 60-120 MM  CO <sub>2</sub> EQ. PER M <sup>3</sup>	<b>2,856</b> 410 kg
UNI-BRIGHT S4 - 4% COLOUR  DMAX 16 MM, CLASS E MATERIALS, SLUMP 60-120 MM, WHITE CEMENT  CO <sub>2</sub> EQ. PER M <sup>3</sup>	<b>3,427</b> 470 kg
UNI-BRIGHT S6 - 6% COLOUR  DMAX 16 MM, CLASS E MATERIALS, SLUMP 60-120 MM, WHITE CEMENT  CO <sub>2</sub> EQ. PER M <sup>3</sup>	<b>3,427</b> 470 kg
UNI-LIGHT CLASSIC®  DMAX 16 MM, SLUMP 60-120 MM, WHITE CEMENT  CO <sub>2</sub> EQ. PER M <sup>3</sup>	<b>2,628</b> 475 kg

### FUNCTIONAL CONCRETE ACC. TO OWN DECLARATION

DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSION STRENGTH COMPRESSIVE STRENGTH, CYLINDER MPa	12	16	20	25	30	35	40
CEMENT MORTAR DMAX 4 MM, CLASS P MATERIALS, SLUMP 40-120 MM		1,396	1,437	1,476	1,517	1,557	1,597
CO₂ EQ. PER M³		260 kg	310 kg	340 kg	390 kg	430 kg	560 kg
TOPPING CONCRETE DMAX 8 MM, STONE MIN. AT M, SLUMP 40-200 MM			1,452	1,492	1,532	1,573	
CO <sub>2</sub> EQ. PER M <sup>3</sup>			260 kg	280 kg	320 kg	370 kg	
KERB CONCRETE DMAX 32 MM WHERE POSSIBLE 100% RECYCLED AGGREGATES, 4-16 MM	1,237	1,272	1,312	1,350	1,387		
CO₂ EQ. PER M³	150 kg	170 kg	190 kg	200 kg	220 kg		

### FUNCTIONAL CONCRETE ACC. TO OWN DECLARATION

DKK PER M<sup>3</sup> EXCL. VAT

UNI-FILL TM PIPE PASTE MINERAL MATRIX AND WATER. HIGHLY FLUID CONSISTENCY	1,654
CO₂ EQ. PER M³	480 kg
UNI-FILL TM PIPE FILLING DMAX 8 MM, CLASS P MATERIALS, SLUMP 180-250 MM	1,353
CO₂ EQ. PER M³	85 kg
PERVIOUS CONCRETE E08 DMAX 8 MM, CLASS E MATERIALS	1,589
CO <sub>2</sub> EQ. PER M <sup>3</sup>	220 kg
PERVIOUS CONCRETE P16 DMAX 16 MM, CLASS P MATERIALS	1,350
CO <sub>2</sub> EQ. PER M <sup>3</sup>	220 kg

# UNI-GREEN® FUNCTIONAL CONCRETE ACC. TO DS/EN 206 DK NA

DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSIVE STRENGTH CLASS CYLINDER/CUBE COMPRESSIVE STRENGTH	<b>C35</b> /45
ENVIRONMENTAL IMPACT	Aggressive
UNI-GREEN® / UNI-DARK S6 - 6% COLOUR DMAX 16 MM, CLASS E MATERIALS, SLUMP 60-120 MM	2,856
CO <sub>2</sub> EQ. PER M <sup>3</sup>	310 kg
UNI-GREEN® / UNI-DARK S10 - 10% COLOUR DMAX 16 MM, CLASS E MATERIALS, SLUMP 60-120 MM	2,856
CO <sub>2</sub> EQ. PER M <sup>3</sup>	310 kg

## UNI-GREEN® FUNCTIONAL CONCRETE ACC. TO OWN DECLARATION

DKK PER M<sup>3</sup> EXCL. VAT

COMPRESSION STRENGTH COMPRESSIVE STRENGTH, CYLINDER MPa	12	16	20	25	30	35	40
UNI-GREEN® / CEMENT MORTAR DMAX 4 MM, CLASS P MATERIALS, SLUMP 40-120 MM		1,396	1,437	1,476	1,517	1,557	1,597
CO₂ EQ. PER M³		195 kg	235 kg	255 kg	295 kg	325 kg	420 kg
UNI-GREEN® / TOPPING CONCRETE DMAX 8 MM, STONE MIN. AT M, SLUMP 40-200 MM			1,452	1,492	1,532	1,573	
CO <sub>2</sub> EQ. PER M <sup>3</sup>			195 kg	210 kg	240 kg	280 kg	
UNI-GREEN® / KERB CONCRETE  100% RECYCLED AGGREGATES 4-16 MM	1,237	1,272	1,312	1,350	1,387		
CO <sub>2</sub> EQ. PER M <sup>3</sup>	115 kg	130 kg	145 kg	150 kg	165 kg		

# UNI-GREEN® FUNCTIONAL CONCRETE ACC. TO OWN DECLARATION

DKK PER M<sup>3</sup> EXCL. VAT

UNI-GREEN® / UNI-FILLTM PIPE PASTE MINERAL MATRIX AND WATER. HIGHLY FLUID CONSISTENCY	1,654
CO <sub>2</sub> EQ. PER M <sup>3</sup>	360 kg
UNI-GREEN * / UNI-FILL TM PIPE FILLING DMAX 8 MM, CLASS P MATERIALS, SLUMP 180-250 MM	1,353
CO <sub>2</sub> EQ. PER M <sup>3</sup>	65 kg
UNI-GREEN ° / PERVIOUS CONCRETE E08 DMAX 8 MM, CLASS E MATERIALS	1,589
CO₂ EQ. PER M³	165 kg
UNI-GREEN * / PERVIOUS CONCRETE P16 DMAX 16 MM, CLASS P MATERIALS	1,350
CO <sub>2</sub> EQ. PER M <sup>3</sup>	165 kg

ADDITIONAL SERVICES ADDITIONAL SERVICES

SLUMP 130-160 MM	DKK per m <sup>3</sup>	52
SLUMP 170-200 MM	DKK per m³	92
SLUMP 210-240 MM	DKK per m <sup>3</sup>	113
COARSE AGGREGATE DMAX 16 MM	DKK per m <sup>3</sup>	87
COARSE AGGREGATE DMAX 8 MM	DKK per m³	69
COARSE AGGREGATE CLASS M	DKK per m³	95
COARSE AGGREGATE CLASS A	DKK per m³	170
COARSE AGGREGARE CLASS E	DKK per m <sup>3</sup>	170
STRENGTH ACCELERATOR (SPECIAL PRODUCTS ONLY)	Call f	or a pri
SET ACCELERATING AGENT (SHORTENS THE SETTING TIME)	DKK per m <sup>3</sup>	91
SET RETARDING AGENT	DKK per m³	71
EXTENDED CONTROL CLASS	DKK per m³	25
CONCRETE WITHOUT PUZZOLANES	DKK per m³	50
LOW-ALKALI SULFATE RESISTING CEMENT	DKK per m³	143
CONCRETE, ADDED STEEL OR PLASTIC FIBRES	Call f	or a pr
CO₂ SURCHARGE	DKK per m³	20
ENVIRONMENTAL SUPPLEMENT (EMISSION-FREE UNLOADING WHERE POSSIBLE)	DKK per m³	55
WARM CONCRETE FROM 16 NOVEMBER TO 15 MARCH. WINTER SURCHARGE IS INCLUDED	DKK per m³	90
WINTER SURCHARGE FROM 16 NOVEMBER TO 15 MARCH	DKK per m³	45
TEMPERATURE SIMULATION ACCORDING TO SPECIFICATION	DKK per pc.	2,85
UNI-SMARTROCK (STRENGTH DEVELOPMENT SENSOR)	DKK per pc.	1,50
PREPARATION OF SPECIFIC ENVIRONMENTAL PRODUCT DECLARATIONS (EPD´S) PER CONCRETE TYPE	DKK per pc.	5,00
TECHNICAL ASSISTANCE/SITE INSPECTION	DKK per hour	1,20
ENGINEER HOUR	DKK per hour	1,30
MOBILE LABORATORY – ALTHOUGH MIN. 2 HOURS INCLUDING TRANSPORT	DKK per hour	1,24
UNLOADING WITH CONVEYOR BELT	DKK per m³	109
HOWEVER, MINIMUM PER ORDER	DKK	545
LOADS UNDER 7 M³ (SETTLED PER M³ UP TO 7M³ )	DKK per m³	120
OPTIONAL 4-AXLE VEHICLE	DKK per m³	30

PLANNED EXTENDED TIME AT SITE (BILLED PER STARTED 15 MINS.)	DKK per quarter of an hour	180
UNPLANNED EXTENDED TIME AT SITE (BILLED PER STARTED 15 MINS.)	DKK per quarter of an hour	330
FOR LOADS UP TO 7 M³, THE MAX. FREE TIME AT SITE IS 30 MINS. BEYOND THIS, FREE TIME AT SITE IS INCREASED BY 3	MIN. PR. M <sup>3</sup> EXCEEDIN	IG 7 M³
TIME ON SITE IS CALCULATED FROM ARRIVAL TO THE CONSTRUCTION SITE AND UNTIL UNLOADING IS COMPLETED.		
LATE CANCELLATION FEE. ACTUAL COST, ALTHOUGH AT LEAST	DKK per m³	62
PLANT PICKUP	DKK	220
PLANT OPENING BY APPOINTMENT (EXCLUSIVE SURCHARGE PER HOUR PER EMPLOYEE ALTHOUGH MIN. 4 HOURS)		/ 000
PLANT OPENING BY APPOINTMENT (EXCLUSIVE SURCHARGE PER HOUR PER EMPLOYEE ALTHOUGH MIN. 4 HOURS)		6,000
PRICE PER EMPLOYEE OUTSIDE NORMAL OPENING HOURS 15:00-20:00 ON WEEKDAYS	DKK per hour	386
PRICE PER EMPLOYEE OUTSIDE NORMAL OPENING HOURS 20:00-07:00 ON WEEKDAYS	DKK per hour	773
PRICE PER EMPLOYEE ALL HOURS ON SATURDAYS, SUNDAYS AND HOLIDAYS	DKK per hour	773

UNICON EMPHASISES THAT NOT ALL PRODUCTS AND SERVICES ARE AVAILABLE AT ALL PLANTS

NORMAL OPENING HOURS FOR DELIVERY: MONDAY-THURSDAY FROM 07:00-15:00, FRIDAY FROM 07:00-14:00.

ALL PRICES ARE EXCLUSIVE OF VAT.



# **UNI-GREEN® AND** THE GREEN BUILDING COUNCIL

to choose sustainably. That is why we have introduced the UNI-Green® brand, so that the green products become easier to identify and choose.

From 2020, virtually all of Unicon's popular standard products have been available as UNI-Green®. The products became part of Unicon's already existing product portfolio and therefore appear as part of our pricelist, side by side with mal maintenance costs. These can be included in the total the other products.

Builders and consultant can thus assess sustainability in relation to CO<sub>2</sub>, so that it becomes clear exactly how many kilos

If it is to be easy to build sustainably, it requires that it is easy of CO<sub>2</sub> can be saved. It is thus easier to make calculations and make visible to customers' customers the real difference. measured in CO<sub>2</sub>.

> In addition, as a member of the Green Building Council, Unicon will highlight the positive aspects of ready-mixed concrete; long service life, fire safety, flexibility, noise-reducing and indoor climate-regulating properties as well as minienvironmental accounts for a building and can be included in a DGNB certification of the building.



### **Builders**

The sustainable choices must provide commercial value and assurance of future earnings.

- DGNB-certification
- Voluntary sustainability class
- Maintenance-free building materials



### **Architects / Consultants**

The same familiar properties for readymixed concrete.

- Fireproof
- Flexible
- Climate-regulating
- Noise-reducing
- Documentation (EPD, DGNB)



### Contractor

The same familiar practicability for readymixed concrete.

- Workability and finish
- Standard concepts
- National accessibility

# **COLLABORATION CREATES MORE SUSTAINABILITY**

Sustainable solutions require collaboration on concrete projects or on research & development. At Unicon we have many years' extensive experience of collaboration and active participation in the development of the Danish concrete industry.

We are represented on the S-328 committee of Danish Standards, which defines the standards for sustainable concrete. At Dansk Beton, Unicon sits on the board for the industry alliance and for the Danish Ready Mixed Concrete Association, including in the technical committee.

In research & development, Unicon has been involved in a large number of projects and initiatives alongside stakeholders from across the construction value chain. Most recently, we have been heavily involved in Green Concrete II project, and in the past we have contributed to the developments in e.g. the use of steel fibres, alternative binders and unique applications.

When it comes to specific projects, we collaborate with our customers on a daily basis. This applies not least to large, complex, innovative and sustainable projects.

Going forward, we want to increase our collaborations on innovative, sustainable projects. This is an investment in the future that will allow us to continuously develop our sustainable products and portfolio based on real issues, visionary aspirations and highly practical solutions.

We therefore want to put out an invitation to the entire construction value chain, from builders to architects and engineers to contractors, to get in touch if they want to work with us to push the boundaries of sustainable concrete construction.



**READ MORE ABOUT HOW UNICON WILL** MEET THE GOVERNMENT'S GOAL OF A 50%-CO<sub>2</sub> REDUCTION BY 2030 IN UNICON'S ROADMAP FOR **SUSTAINABILITY** 



# RECYCLED CONCRETE

### THE CIRCULAR ECONOMY ISN'T NEW

of Unicon, was among the first to use fly ash in Denmark. For If customers want an increased quantity of recycled consaving of 40 million litres of water and is now standard in all

### **NEXT STEP TOWARDS 2030**

- Up to 20% recycled concrete in all passive environmental

crete or concrete for other environmental actions, we can also do this throughout Denmark.

If Unicon has delivered concrete for a structure that is to be demolished, we offer a take-back scheme. As a customer of

In addition, Unicon will develop new concrete with greater recycling, including recycling the fine material from the crushing.

## **FOCUS AREAS**

TO ACHIEVE THE 2030 TARGET FOR RECYCLED CONCRETE

# REDUCTION OF CO2 EMISSIONS

signs or replacing the cement with other binders.

### SUSTAINED FOCUS ON CO2 FOOTPRINT

### **NEXT STEP TOWARDS 2030**

By 2030, it has to be possible to build using concrete from is an ambition that the entire concrete and construction industry supports, and to which Unicon specifically wants to

Already in 2020, Unicon launched concrete with a CO<sub>2</sub> reduction of 25%, and in the coming years we will continue to introduce more types of concrete with lower CO<sub>2</sub> footprints. In addition, we will make UNI-Green, our CO2-reduced concrete products, the new standard.

cement content can be reduced i.a. by optimising the mixde-



# **FOCUS AREAS**

TO ACHIEVE THE 2030 GOAL OF REDUCING CO<sub>2</sub>

# **GREENER TRANSPORT**



## **FOCUS AREAS**

But now Unicon - as the first - has taken a step away from fossil-based transport and delivery and is open to testing new technologies when relevant solutions become available.

**CONTACT INFORMATION** 

### KEY ACCOUNT MANAGERS - EXCLUSIVELY BUSINESS INQUIRIES, PRIVATE CUSTOMERS ARE REFERRED TO CUSTOMER SERVICE



Allan Dahl Sales Manager 26 89 13 00 allan.dahl@unicon.dk



Flemming Grand Key Account Manager 26 88 49 84 flemming.grand@unicon.dk



Keld Fischer-Pedersen Key Account Manager 26 88 49 33 keld.f.pedersen@unicon.dk



Jesper Matzen Key Account Manager 21 41 91 01 jesper.matzen@unicon.dk



Lars Haupt Key Account Manager 26 86 31 69 lars.haupt@unicon.dk



Kenneth Skov Olsen Key Account Manager 29 40 75 83 kenneth.skov.olsen@unicon.dk

### AREA MANAGERS IN PRODUCTION

26 88 49 58

René Fournaise

Key Account Manager

rene.fournaise@unicon.dk



Henrik Walther Larsen Area manager North and East Jutland 20 43 46 76 henrik.w.larsen@unicon.dk

Jacob Christensen



Poul Rasmussen
Area manager
West and South Jutland
20 40 26 68
poul.rasmussen@unicon.dk



Kent Florszak Area manager The Triangle Area and Funen 29 25 44 81 kent.florczak@unicon.dk



Area manager Zealand 23 62 62 02 jacob.christensen@unicon.dk

### LOGISTICS

Logistics handles all inquiries that concerns ordering and logistics of concrete and concrete pumping.

Dispo Centre Northern Region 70 10 05 60
Dispo Centre Southern Region 70 10 05 70
Dispo Centre Eastern Region 70 13 03 60

### **CUSTOMER SERVICE**

Customer service handles private inquiries as well as everyone inquiries that are not concerning ordering of concrete.

Customer service 73 73 87 87 kundecenter@unicon.dk

### YOU ALWAYS HAVE THE OPTION TO ORDER REQUEST ONLINE ON UNICON.DK

### **PAYMENT**

UNICON A/S - CVR (CRN) NO.: 16 06 49 39

Account no.: Danske Bank 3100 0005401828

Please contact our administration for further information. Tel: +45 70 10 05 90 e-mail: info@unicon.dk

FOR THE UPDATED VERSION OF THE PRICE LIST, SEE UNICON.DK

### 1 PRICES/VOLUMES

- 1.1 The prices are stated per m³ exclusive of VAT and environmental/ regulatory taxes valid on the day of delivery, free delivered at a delivery address within the normal market area of the plants.
- 1.2 The prices are based on delivery of full loads within the opening hours and delivery times specified in the pricelist. A surcharge will be calculated for delivery outside the specified hours as well as for delivery of volumes smaller than the quantities specified in the pricelist.
- 1.3 The concrete volume stated in the delivery note represents the volume of the concrete with the targeted air content.
- 1.4 On-site time exceeding the maximum time stated in the price list will be charged according to the current price list.
- 1.5 Unicon A/S will invoice all deliveries in accordance with the pricelist valid on the day of delivery.

### 2 PAYMENT

- 2.1 Up to date of invoice plus 8 days net (private customers).
- 2.2 Up to current month + 15 days net.
- 2.3 Interest is charged for late payments, in addition a reminder fee of up to DKK 100 is imposed when sending a written reminder, according to interest law.

#### 3 DELIVERY

- 3.1 It is the buyer's responsibility to obtain the necessary permits for setting up in trafficked areas, and notify at the site where delivery takes place.
- 3.2 The delivery is delivered and unloaded at the place of use or as close to it as conditions allow. If the buyer requests delivery across surfaces with insufficient bearing capacity, all consequential damages are at the expense of the buyer.
- 3.3 The delivery time is when the delivery has arrived at the delivery address or been picked up at the factory.
- 3.4 We will strive to deliver within 15 mins. prior to, and up to 30 mins. after, the agreed delivery time.

#### 4 CHANGES

- 4.1 Should the buyer wish to change the date of delivery for an order/part order in full discharge, the buyer must give such notice before 12.00h on the day before the agreed time of delivery.
- Should the buyer wish to change ordered agreements, this is to be executed in writing.

### 5 INSPECTION UPON RECEIPT

Prior to unloading, the buyer shall check the specifications of the delivery note, and during unloading the buyer is to maintain visual control to make sure that the delivery is in accordance with the order. The buyer or his representative must sign the delivery note to confirm receipt of delivery and furthermore to confirm that the specifications of the delivery note are in accordance with the required specifications of the supply ordered by the buyer.

### CONCRETE CONTROL

- 6.1 Unicon A/S' plants are certified by Dancert, which ensures that the supplies are in conformity with present standards and regulations.
- 6.2 Unicon A/S' quality control system is pursuant to DS/EN ISO 9001 and ensures that concrete quality and quality control are documented in conformity with present standards and regulations.
- 6.3 Individual results as well as the statistics of the results of the internal quality control are available to buyer subject to written agreement.
- 6.4 If no other written agreement has been made, Unicon A/S' internal quality control shall serve as documentation.
- 6.5 Unicon A/S guarantees that the delivered concrete on the date of delivery is
   as a minimum in accordance with the specifications of the delivery note.

### 7 USE OF PRODUCT AND FINISHING

- 7.1 Unicon A/S is without liability, if the buyer has ordered a concrete supply which is not suitable for the purpose or the casting conditions.
- 7.2 Unicon A/S is not liable for quality reduction, caused by premature desiccation, inadequate compression, covering or finishing. Unicon A/S is not liable for colour differences or other circumstances caused by change of specifications, including changes of the specifications made by Unicon A/S' material suppliers, in standing orders.
- 7.3 Any addition to the concrete on the buyer's behalf is at buyer's own risk.

### 8 LIABILITY FOR DEFECTS/WARRANTY LIABILITY

- 8.1 The supply is delivered with a 5-year supplier liability for defects in conformity with the regulations of AB 18, section 12 paragraph 5.
- 8.2 If the buyer is also the builder and carries out the work himself, the 5-year term is calculated from the date of delivery.
- 8.3 If a builder can prove that a claim for defects can only be put through to the buyer with large difficulties, the claim can be made directly on Unicon A/S.

#### 9 PRODUCT LIABILITY

- 9.1 Unicon A/S is liable for damages, if it can be proved that the said damage is caused by a defective supply.
- 9.2 Unicon A/S has taken out product liability insurance.
- 9.3 Should Unicon A/S be subject to product liability against any third party, the buyer is obligated to indemnify Unicon A/S from that part of the claim for compensation, which exceeds DKK 15 million. In case of a trial, the buyer shall let himself be sued at the same court of law that is hearing the claim against Unicon A/S.

#### 10 LIMITATION OF LIABILITY

In the event of liability for defects in a delivery (including product liability) and delay, Unicon A/S' liability does not include operating loss, loss of time, loss of profit or other indirect loss. In the event of liability for delay or defects in a delivery, Unicon A/S' liability cannot exceed the price of the delayed/defective delivery.

In the event of downtime, machine damage or other breakdown of concrete pumps, Unicon A/S assumes no liability and no compensation shall be paid.

#### 11 COMPLAINTS

The buyer's written claim stating the nature and scope of the claim shall be handed over to Unicon A/S immediately after (no more than 10 days after delivery) that the buyer knew or ought to have known the circumstances causing the claim. If such notice is not given, any future claim will be forfeited.

### 12 FREEDOM OF LIABILITY (FORCE MAJEURE)

Unicon A/S is not liable for delays caused by circumstances mentioned in AB 18 section 39.

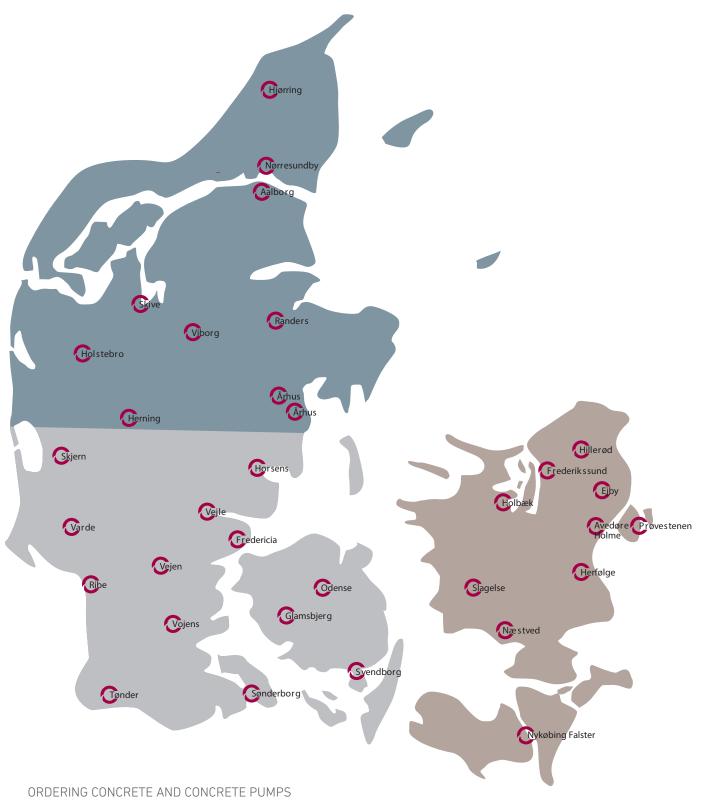
### 13 CONSULTING

Unicon A/S will provide consulting to the buyer to the best of its ability with regard to choice of products, their functions and suitability to specific purposes. It is expressly agreed that such technical consulting or assistance, which is provided without separate charge, does not make Unicon A/S liable or impose obligations with regard to such consulting and assistance, or for results achieved. Liability in addition to this is only accepted by Unicon A/S if Unicon A/S has provided separate written consulting to the buyer in the form of the preparation of actual calculations or in the form of separate written statements regarding the usability of what is sold for a specially indicated purpose to a buyer, which may not be expected to have sufficient professional knowledge in the area to independently evaluate the question of the product's suitability. Unicon A/S' liability is limited to no more than DKK 100,000 in case of incorrect consulting and does not cover operations loss, loss of time, loss of profit or other indirect loss. Unicon A/S is not liable for statements that are based on estimated assessments or an evaluation.

### 14 DISPUTES

Disputes, if any, between the parties shall be settled by arbitration at the Danish Court of Arbitration for the Building and Construction Industry.

Rev. November 2020



Contact the plant directly by using the postal code after calling the "quick call" number 70130301

--- Call 70 10 05 60

---- Call 70 10 05 70

---- Call 70 13 03 60

