COMPAKTUNA® & COMPAKTUNA® PRO

CONCENTRATED PLASTIC DISPERSION FOR STRENGTHENING AND IMPROVING MORTARS AND CONCRETE



COMPAKTUNA®

Quality & Innovation

COMPAKTUNA®



IS UNIQUE IN ITS ADHESIVE POWER

APPLICATION 1 — **BONDING** OF BRICKS AND TILES

1 part COMPAKTUNA® + 3 parts WATER

Use a dilution of 1 part COMPAKTUNA® to 3 parts water as mixing liquid for your sand/cement mixture.
(1 part cement to 3 parts sand)

APPLICATION 2 — **PRIMING** THE SUBSTRATE

1 part COMPAKTUNA® + 4 parts WATER

Use a dilution of 1 part COMPAKTUNA® to 4 parts water to prime your substrate.

APPLICATION 3 — **ADHERING** TO A SMOOTH SURFACE SUCH AS CONCRETE OR INSULATION PLATES

1 part COMPAKTUNA® + 1 part WATER

Use a dilution of 1 part COMPAKTUNA® to 1 part water as mixing liquid for your sand/cement mixture.
(1 part cement to 1 part sand)

APPLICATION 4 — **LAYING** OF BASE BLOCKS, GLASS BLOCKS, CONCRETE BLOCKS

1 part COMPAKTUNA® + 3 parts WATER

Use a dilution of 1 part COMPAKTUNA® to 3 parts water as mixing liquid for your sand/cement mixture.
(1 part cement to 3 parts sand)





COMPAKTUNA® PRO



IS UNIQUE IN ITS WATERTIGHTNESS

APPLICATION 1

WATERPROOFING CEMENT MORTAR FOR PLASTERING AND REPAIR APPLICATIONS

1 part COMPAKTUNA® PRO — 3 parts WATER

! The dilution of COMPAKTUNA® PRO depends on the thickness of your cement layer. As a general rule, the thinner the cement layer, the more strongly concentrated COMPAKTUNA® PRO should be applied. (1 part cement to 3 parts sand)

MIXING RATIO Thickness	COMPAKTUNA® PRO / water	Cement / river sand
2 to 5 mm	1/3	1/2
5 to 10 mm	1/4	1/3
> 1 cm	1/5	1/3

APPLICATION 2

JOINTING FOR FACADES, NATURAL STONE WHERE A SLIGHTLY MOIST MORTAR IS USED

1 part COMPAKTUNA® PRO — 3 parts WATER

APPLICATION 3

WATERPROOFING GYPSUM MORTAR

1 part COMPAKTUNA® PRO — 6 parts WATER

! In concrete, an addition of 1 part COMPAKTUNA® PRO to 8 parts water will increase water resistance.





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COMPAKTUNA® & COMPAKTUNA® PRO STRENGTHEN AND IMPROVE MORTAR AND CONCRETE ▸ MAKE THE RIGHT CHOICE

COMPAKTUNA®		COMPAKTUNA® PRO
★★★	PROBLEMS WITH ADHESION	★★
★★★	CONCRETE BONDING	★★
★★★	STRENGTHENING, ELASTIC BONDING, AND DUSTPROOFING	★★
★★★	GYPSUM, PLASTERWORK	★★
★★★	ADHESIVE MORTAR FOR NATURAL STONE, FAIENCE, CERAMICS, AND GLASS MOSAIC	★★
★★	PROBLEMS WITH WATER	★★★★
★★	SEALING WORKS FOR BASEMENTS, RAINWATER TANKS, SWIMMING POOLS, TERRACES, ...	★★★★
★★	CEMENT APPLICATIONS	★★★
★★	JOINTING	★★★
★★	REPAIR MORTAR FOR CONCRETE STRUCTURES, FLOORS	★★★
★★★	MASONRY	★★★

★★★★ = EXCELLENT	★★★ = VERY GOOD	★★ = GOOD

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MIXING RATIO & CONSUMPTION COMPAKTUNA® & COMPAKTUNA® PRO

Application	Volume mixing ratio cement/ sand	Volume mixing COMPAKTUNA® (PRO)/water	Thickness	Surface / litre COMPAKTUNA® (PRO)
Base coating				
for porous surface	-	1/4	-	20 m^2/liter or 0,05 liter/m^2/mm
Bonding bridge				
for brickwork, concrete,...	1/1	1/2	±2 mm	7 m^2/ liter or 0,07 liter/m^2/mm
for slate tiling, polished concrete, insulation plate,... (2)	1/1	1/1	±2 mm	5 m^2/liter or 0,10 liter/m^2/mm
Bondng mortar				
for faience, ceramics & mosaic	1/2 to 1/3	1/2	2 à 3 mm	5 m^2/liter or 0,08 liter/m^2/mm
for natural stone & insulation plates (1) (2)	1/2 to 1/5	1/1	2 à 3 mm	4 m^2/ liter or 0,13 liter/m^2/mm
Placing mortar				
for faience, ceramics & natural stone (1) (2)	1/3	1/3	10 mm	2 m^2/ liter or 0,05 liter/m^2/mm
Jointing mortar				
for facades - moit	1/3 to 1/4	1/4	12 x 15 mm	140 running m joint/liter or 7 ml/joint meter
for inside floors - pasty and powdering	1/3 to 1/4	1/6	5 x 10 mm	250 running m joint/liter or 4 ml/joint meter
for faience - pasty	1/3	1/3	3 x 8 mm	625 running m joint/liter or 1,6 ml/joint meter
for natural stone & terraces - moist	1/3	1/3	10 x 10 mm	77 running m joint/liter or 13 ml/joint meter
Screed layer/cement based plaster layer on cementious surfaces				
very thin concrete reparations	1/2	1/1	tot 1 mm	8 m^2/liter or 0,13 liter/m^2/mm
thin concrete reparations	1/2	1/2	tot 2 mm	12 m^2/liter or 0,085 liter/m^2/mm
concrete reparation - thin wearing course (1)	1/2,5	1/3	tot 5 mm	16 m^2/liter or 0,064 liter/m^2/mm
adhesive wearing course (1)	1/3	1/4	tot 10 mm	2,3 m^2/liter or 0,43 liter/m^2/mm
screed (1)	1/3	1/5	tot 50 mm	2,5 m^2/liter or 0,40 liter/m^2/mm
cement screed	1/4	1/8	tot 80 mm	2,7 m^2/liter or 0,27 liter/m^2/mm
Waterproof cement rendering - COMPAKTUNA® PRO				
general outside cementitious renders (1)	1/2,5 to 1/3	1/4	10 mm	0,5 liter/m^2/cm thickness
for cellars, rainwater inlets, swimming pools (3)				
Masonry mortar				
for extra adhesive power	1/3 to 1/4	1/5	12 x 140 x 1000 mm	14 running meter/liter
Gypsum plaster mortar				
for extra adhesive power & more waterproof	-	1/6	5 mm	2 m^2/ liter/5 mm or 1 liter/m^2/cm

The consumptions gives above are guidelines given in good faith, function from the type of cement, sand, the surface and the general working conditions.
(1) with a bonding bridge
(2) for applications with natural stones, white cement is recommended
(3) see manual for waterproof cellars