

# COMPAKTUNA® PRO



A barrage  
for moisture  
and water



Build in a better way starts with  
**P.T.B.-COMPAKTUNA®**

# COMPAKTUNA®

There is only one!





## Making the right choice



COMPAKTUNA® is unique in its adhesive power. For a super adhesive bonding mortar, use COMPACTUNA®.

COMPAKTUNA® PRO is unique in its watertightness. For a super waterproof bonding mortar, use COMPACTUNA® PRO.



### ALL-PURPOSE

COMPAKTUNA® and COMPACTUNA® PRO are both all-purpose plastic dispersions for improving mortar and concrete.

- ✓ improves the adhesive power
- ✓ improves the watertightness
- ✓ improves the flexibility and elasticity
- ✓ improves the workability
- ✓ improves the chemical resistance
- ✓ improves the abrasive resistance
- ✓ improves the tearing resistance
- ✓ improves the cold/heat resistance

### CONCENTRATED

COMPAKTUNA® and COMPACTUNA® PRO are both concentrated plastic dispersions and will always be diluted with water before added to the mortar.

## Mixing ratio & consumption

APPLICATION	MIXING RATIO		THICKNESS	CONSUMPTION
	Cement/ river sand	COMPAKTUNA® (PRO)/ water		Surface/ litre COMPACTUNA® (PRO)
<b>Base coating</b>				
for porous surfaces	-	1/4	-	20 m²/litre or 0,05 litre/m²
<b>Bonding bridge</b>				
for brickwork, concrete,...	1/1	1/2	± 2 mm	7 m²/litre or 0,07 litre/m²/mm
for slate tiling, polished concrete, insulation plates,.. (2)	1/1	1/1	± 2 mm	5 m²/litre or 0,1 litre/m²/mm
<b>Bonding mortar</b>				
for faience, ceramics & mosaic	1/2 to 1/3	1/2	2 to 3 mm	5 m²/litre or 0,08 litre/m²/mm
for natural stone & insulation plates (1) (2)	1/2 to 1/5	1/1	2 to 3 mm	4 m²/litre or 0,13 litre/m²/mm
<b>Placing mortar</b>				
for faience, ceramics & natural stone (1) (2)	1/3	1/3	10 mm	2 m²/litre or 0,05 litre/m²/mm
<b>Jointing mortar</b>				
for facades - moist	1/3 to 1/4	1/4	12 x 15 mm	140 running m joint/litre 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/litre or 4 ml/joint meter
for faience - pasty	1/3	1/3	3 x 8 mm	625 running m joint/litre or 1,6 ml/joint meter
for natural stone & terraces - moist	1/3	1/3	10 x 10 mm	77 running m joint/litre or 13 ml/joint meter
<b>Screed layer/ cement based plaster layer on cementitious surfaces</b>				
very thin concrete reparations	1/2	1/1	up to 1 mm	8 m²/litre or 0,13 litre/m²/mm
thin concrete reparations	1/2	1/2	up to 2 mm	12 m²/litre/mm or 0,085 litre/m²/mm
concrete reparation - thin wearing course (1)	1/2,5	1/3	up to 5 mm	16 m²/litre/mm or 0,064 litre/m²/mm
adhesive wearing course (1)	1/3	1/4	up to 10 mm	2,3 m²/litre/cm or 0,43 litre/m²/cm
screed (1)	1/3	1/5	up to 50 mm	2,5 m²/litre/cm or 0,4 litre/m²/cm
cement screed	1/4	1/8	up to 80 mm	2,7 m²/litre/cm or 0,27 litre/m²/cm
<b>Waterproof cement rendering - COMPACTUNA® PRO</b>				
general outside cementitious renders (1)	1/2,5 to 1/3	1/4	10 mm	0,5 litre/m²/cm thickness
for cellars, rainwater inlets, swimming pools (3)				
<b>Masonry mortar</b>				
for extra adhesive power	1/3 to 1/4	1/5	12 x 140 x 1000 mm	14 running meter/litre
<b>Gypsum plaster mortar</b>				
for extra adhesive power & more waterproof	-	1/6	5 mm	2 m²/litre/5 mm or 1 litre/m²/cm

The consumptions given 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



Apply the adhesive layer with a brush or a spray to a thickness of 1 to 2 mm.

### FINISHING LAYER

Let the adhesive layer set (not cure) before proceeding. Apply the finishing layer with COMPAKTUNA® (PRO) in the still humid adhesive layer (wet-on-wet).

### MAKE YOUR BEST CHOICE IN QUALITY

☆☆☆☆ = exceptional

☆☆☆ = excellent

☆☆ = good

## Instructions

### PREPARING THE FOUNDATION

Always work on a sound, stable, solid foundation, free of dust and traces of oil.

### BASE COAT

Porous surfaces need to be lightly dampened prior to application with a solution consisting of 1 part COMPAKTUNA® (PRO) and 4 parts of water.

Add COMPAKTUNA® (PRO) to the volume of pure water and stir thoroughly.

Spray this solution in a uniform way onto the surface or apply using a brush and let it dry for 2 to 3 hours.

### BONDING BRIDGE

Mix 1 part of cement and 1 part of sand. Prepare with a solution of 1 part of COMPAKTUNA® (PRO) and 2 parts of water ( $\pm 18\%$  of liquid), until a homogenous slurry without lumps is obtained.

COMPAKTUNA®		COMPAKTUNA® PRO
☆☆☆	Problems with adherence	☆☆
☆☆☆	Concrete sealing	☆☆
☆☆☆	Reinforce flexible bond and making dust-free	☆☆
☆☆☆	Gypsum, plaster	☆☆
☆☆☆	Bonding bridge for: natural stone, faience and stoneware, ceramic, glass mosaics	☆☆
☆☆	Problems with water	☆☆☆☆
☆☆	Watertightness for cellars, rain-drains, swimming-pools and terraces	☆☆☆☆
☆☆	Cement renders	☆☆☆☆
☆☆	Jointing	☆☆☆☆
☆☆	Rapair mortar for concrete constructions/floors	☆☆☆☆
☆☆☆	Masonry	☆☆☆☆

**P.T.B.-COMPAKTUNA®**

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