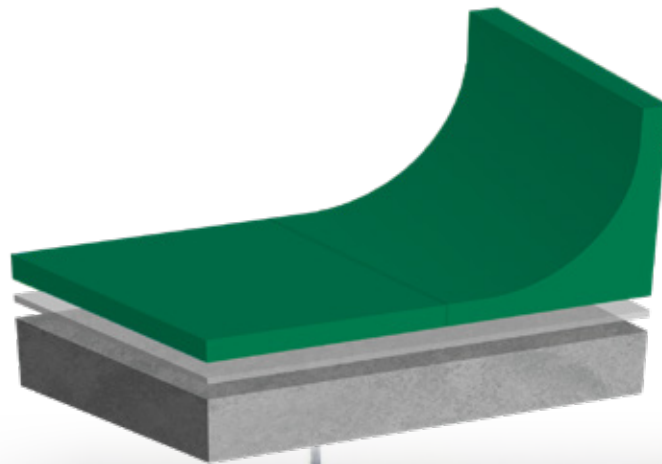


Dencrete™

WR (50-200 mm)



Materials

- Dencrete Multi Part A
- Dencrete Multi Part B
- Dencrete WR Filler
- Dencrete TP
- Dencoat Quartz
- Ensure that the materials are kept at room temperature for at least one day before use!

Toolbox

- Coving iron
- Stiff brooms
- Squeegee's
- Paint roller and paint brush
- Drilling machine
- Vacuum cleaner
- Grinding machine
- Marking tape
- Toothed trowel's and rollers
- Epoxy certificates, epoxy/acrylic warning signs.
- Safety data sheets, personal protection equipment, hand cleansing cream.



Yellow



Buff



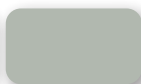
Red



Blue



Light Green



Light Grey



Mid Grey



Black

For more colors please see separate color chart.

Dencrete™

WR (50-200 mm)

Wall preparation

The structure of the wallpart to receive coving should be slightly rough and completely free from loose paint and impurities which might impair proper adhesion.

Watch out for curing inhibiting material in the wall material, for instance phenolic glues in wooden materials. However In most cases a suitable surface adhesion is obtained by grinding the surface to the specified height combined with cutting a 4 mm wide and 6 mm deep groove at the top of the coving. The groove filled with coving material serves to "anchor" the top of the cove to the wall. Now finish preparations by taping to top of coving, cleaning work area and vacuuming thoroughly.

Priming

Start by setting tape to required height of the coving. The surface should now be primed. Mix 1 set of Dencrete TP or appropriate amount.

The mixture is applied to the surface by a roller. A mix of 1 kg should cover an area of about 30 running meters in a height of 5 cm. Avoid priming further than you can manage to put up the coving, without the primer curing on the wall! Sand is sprinkled evenly onto the wet primer. Small holes and cracks in the concrete can be repaired during the priming by simply adding sand / aerosil to the epoxy and using it as a thin mortar. Concrete day joints and larger cracks should be filled with a flexible epoxy jointing compound.

Coving

Mix 1 set of Dencrete WR.

Add one bag of Dencrete WR and mix. Ensure it is thoroughly mixed together. The potlife is about 20 min. at 20°C. Do not mix more than you can apply before curing! The coving is applied on the sticky primer. A good tip is to give the coving iron a spray of soapy water on the final stroke of the coving.

Troubleshooting

1.0 Curing:

- 1.1 Mix hardener before sand to ensure good dispersion.
- 1.2 Do not mix more than you can use before curing starts in the mix, depending on the complexity of the job and the skill of the floor layer.
- 1.3 If the wall material is very porous be sure that it is saturated with primer. If not apply primer twice to close porosities.
- 1.4 Watch out for curing inhibiting material in the wall material, for instance phenolic glues in wooden materials.

2.0 Application:

- 2.1 Paint and other matter must be removed prior to applying the coving.
- 2.2 Make approximately 5 mm deep cutting line in wall at top of coving. Fill it with coving material to "anchor" the top of the coving to the wall.
- 2.3 When you have to make thick layers of coving, apply it in two steps, for instance under a thick tile.

Dencrete™ WR (50-200 mm)



Properties	Value
Fully cured at 20°C	3 days
Applied height	50-200 mm
Water Permeability	Nil – Karsten test (impermeable)
Hardness	SHORE D 80
Compressive strength	50 MPa
Reaction to fire	B _{fl} - s ₁
Bond strength	> 1.5 MPa
Temperature resistance	Up to 80°C at 2 mm
Thermal expansion coefficient	< 25 ppm
Abrasion resistance	50 mg / 1000 cycles (Taber Abrader)
Thermal conductivity	< 1.5 W/m·K
Slip resistance	R9 – R13
Food Contact	No contamination

Primer

	Mix Components	Application rate	One mix covers
Primer	1 set Dencrete TP	0,25 kg/m ²	100-300 LM
Scatter	Quartz: 24 kg	0,5 kg/m ²	Depending on height

Coving

	Mix Components	Kg of mix per meter
Dencrete WR 50 mm	1 set Dencrete WR	1,3 kg/m
Dencrete WR 100 mm		1,7 kg/m
Dencrete WR 150 mm		2,1 kg/m
Dencrete WR 200 mm		2,5 kg/m

*adjust quantities to coving height