Revolutionary Topping Screed

Especially for Underfloor Heating

The Salvation Army Gracefields Project

Photo credit: Chris Keen of Avenues Four | Architect: Dalman Architecture

BETTER COMFORT WITH UNDERFLOOR HEATING

Hydronic or warm water underfloor heating is the most luxurious form of heating as its radiant heat is evenly distributed throughout the room and the occupants. It is particularly well suited to buildings with high ceilings and with no air being blown around, it is totally silent. What's more, the system is much more efficient and with much lower running costs than electric underfloor and is totally hidden from view.

HISTORY OF UNDERFLOOR HEATING WITH SCREED FLOORS

Underfloor heating is vastly improved in usability and performance when used in a thin screed floor as opposed to in the much thicker and thermally inefficient construction slab. However, over the years the local suppliers and applicators of topping screeds have struggled to produce a hassle free solution.

WELCOME TO THE FUTURE

When Nu-Age Plaster approached Central Heating New Zealand with a anhydrite based screed product, they knew that this was the answer to the TSA Gracefields project underfloor heating success.

The installation and final result has been a resounding success. Robert Blandford, the Arrow International site manager of the project says that it was a pleasure to use this product in the project as everything has gone so smoothly. Central Heating New Zealand are proud to be associated with Nu-Age Plaster and their EzyMix screed. They have also used it in the refurbishment of the Historic All Saints Church in Nelson and are now recommending and specifying it for all high performance screed underfloor systems.

EZYMIX 490 ANHYDRITE BASED SCREED FLOORING

EZY MIX
A Division of Nu-Age Plaster

EzyMix 490 Screed Flooring is made and distributed in New Zealand by Nu-Age Plaster who forged a relationship with Maxit in Germany 5 years ago to produce the screed. Maxit developed the EzyMix 490, a Anhydrite Based Liquid Screed floor product that has over 25 years of proven success throughout Europe in Residential & Commercial projects.

EZYMIX 490 ANHYDRITE SCREED FLOOR	VS	TRADITIONAL CEMENT SCREED FLOOR
Better contact area to underfloor pipes due to liquid screed and no large aggregates or voids.		Typically 6-12mm aggregates used resulting in voids against the pipe - lower thermal conductivity - higher energy costs to heat the floor.
Walkable after 24hrs & loadable after 3 days, follow up trades can access the project earlier.		Walkable after 3 days & loadable after 7 days. prolonged construction times and higher cost.
Clean, even/flat surfaces.		Uneven screed surfaces - risk of extra work to make even/ flat - higher cost.
No requirement for shrinkage mitigation needed.		Higher cost - must allow for shrinkage via saw cuts, inducement or slow cure solutions.
No cracking or cupping of the screed floor.		High risk of remedial cost - cracking and cupping even with above allowances.
Self leveling application - reduced construction time/cost via high application rate, approx. 100m2/hr.		Lower application rate of approx. 30m2/hr. Manual screeding required. Higher costs.
No reinforcement necessary in the floor reducing costs and overall thinner build (50mm).		Reinforcement often required. Typically a thicker build required (minimium 80mm).
Guaranteed Result.		Everyone runs for cover!

For EzyMix Screed contact
Nu-Age Plaster on

P: 0800 468 243
E: info@nu-age.co.nz
W: www.ezymix.co.nz

For Underfloor Heating contact
Central Heating New Zealand on

P: 0800 357 1233
E: info@centralheating.co.nz
W: centralheating.co.nz

Central Heating
NEW ZEALAND

nuAge
PLASTER NZ