G-Fix Resin system for aggregate binding.

Suitable for laying over concrete and macadam bases that are dry, clean and dust free. A
G-Fix primer/sealer coat on concrete is strongly recommended spread at 4 sq. m. per litre/kg.
Allow a freshly laid base to age four weeks before priming.

Please ensure adequate falls and drainage are in place to disperse rainwater.
NOTE: If your area is prone to hold water (puddles) then this system is NOT recommended, it can result in frost
damage....Our Scattercoat system maybe the alternative.

GENERAL GUIDE.
Recommended stone size is 1-3mm for heavy usage areas..a mix of 1-3 and 2-5mm can be used on light use areas.
Minimum depth of 3 x largest aggregate pieces. (e.g. When using a 2-5mm gravel minimum depth is 3 x 5mm=15mm).

1.5 kilos G-FIX to 25 kilos aggregate is a 6% ratio mix which may be adjusted either way to accept
hard granite or flinty types (less) or more absorbent bauxite etc. which may require around 8% or
so. Trial out first to determine.

A typical mix would be 2 x 25k bags aggregate in a bell mixer to which 3 kilos of thoroughly
blended G-FIX is added. When fully wetted promptly barrow out for raking, tamping and floating
as required. Use white spirit sparingly on tools to minimise sticking.

Topcoat with thoroughly blended G-FIX the complete surface at 3 to 4 sq. m. per kilo paying particular attention to
areas of potential heavy/repeat use.

Working time of G-FIX when added to aggregate is ½ to 1 hour...Setting times vary between 1 and several
hours...dependent on ambient and material temperatures. In general terms warmer conditions=faster hardening.
Do not use in temperatures below 5ºC...NEVER attempt during rainfall or with damp or wet aggregate.
If heavy dew is probable before cure then covering the laid aggregate with polythene (Visqueen) sheets is advised.

Do not subject to harsh use during the first seven days while the resin fully cures.

Certain types of porous aggregates particularly sandstones are unsuitable for binding but work well in a Scattercoat
system.

FORMULA for estimating quantities (approx)...two calculations are shown 6% recommended and 4% minimum only
when using low absorbing aggregate types granite/flint. Testing advised..
Find total gravel req'd: Area m²(square meters) x Depth mm(millimetres) x 1.66 = kilos aggregate.

G-FIX req'd @ 6%: kilos gravel x 60g G-FIX ÷ 1000 = Kilos G-FIX
G-FIX req'd @4%: kilos gravel x 40g G-FIX ÷ 1000 = Kilos G-FIX
TOPCOAT G-FIX required: Area m² x 250g ÷ 1000 = Kilos G-FIX

EXAMPLE using 2-5mm aggregate at 15mm depth(round up part bags/kgs):-
30 (m² area) x 15 (mm depth) x 1.66 = 750 kgs aggregate
750 x 60 ÷ 1000 = 45kg G-FIX for binding @6%
30 x 250 ÷ 1000 = 7.5kgs G-FIX for topcoat
TOTAL G-FIX = 52.5kgs

30 (m² area) x 15 (mm depth) x 1.66 = 750 kgs aggregate
750 x 40 ÷ 1000 = 30kg G-FIX for binding @4%
30 x 250 ÷ 1000 = 7.5kg G-FIX for topcoat
TOTAL G-FIX = 37.5kgs

The above would require 30 x 250g ÷ 1000 = 7.5kgs/ltr G-Fix primer on a concrete base.