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ECOMIX[®]

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We're surrounded by numbers.

Now there's another one to think about. Your Carbon Number.

Relax. Firth can help.
Just give us your Carbon Number and we'll supply the
right EcoMix low carbon concrete.

www.firth.co.nz | info@firth.co.nz | 0800 FIRTH 1

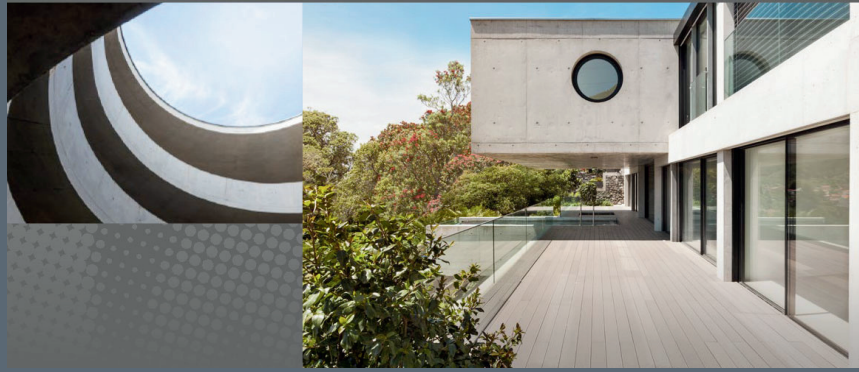


Carbon Number?

You'll need to know it.

Also known as "Carbon Target Number" "Carbon Reduction Target" or GWP (Global

Warming Potential) number. You'll need to know what it is because reporting on embodied carbon for new buildings is coming. So, you'll need to declare your Carbon Number (Carbon Reduction Target or GWP) for every project.



We'll make it easy for you.

Simply, give us your Carbon Number, and we'll supply the right low carbon concrete mix that delivers to that target. Our Firth experts will understand your sustainability goal. No more maths, no more thinking about mix design, we'll do all that for you.

Leave it to the experts (that's us)

All you need to do is select the strength of concrete you want, the GWP target or specify your EC rating, and we'll design the right low carbon EcoMix concrete to meet your needs. Easy!

ECOMIX[®]

	20 MPa	25 MPa	30 MPa	35 MPa	40 MPa	45 MPa	50 MPa
ECOMIX							
EC10 CO ₂ reduction 10% to 20%	256	282	312	352	397	446	495
EC20 CO ₂ reduction 20% to 30%	227	250	278	313	353	396	440
EC30 CO ₂ reduction 30% to 40%	199	219	243	274	309	347	385
ECOMIX+							
EC40 CO ₂ reduction 40% to 50%	170	188	208	235	265	297	330
EC50 CO ₂ reduction to 50%+	142	157	174	196	221	248	275

EcoMix[®]+ will typically require supplementary cementitious materials such as Fly Ash, Ground Granulated Blast Furnace Slag, or advanced admixtures.

Reduction in embodied carbon compared to 2020 EC Baseline (ISC) for ready mix concrete provided by the infrastructure Sustainability Council from the Materials Calculator NZ 2.0.

Engineered mixes may have different plastic-state characteristics, that require modified placing and pumping techniques or additional resourcing.