



# Specify for ProZero Blend. Yield Zero-Carbon Flowable Fill.

When flowable fill cementitious is supplemented with **ProZero Carbon Negative Blend**, embodied carbon is reduced, while maintaining attributes superior to conventional cement.

ProZero Carbon Negative Blend can replace up to 40% of total cementitious. The higher percent replacement the lower embodied carbon.



### Applications:

- Back fill:** trenches, conduit encasements, structural fill
- Structural fill:** Foundation sub-base, floor slab base
- Other:** Underground storage tanks, erosion control

### Advantages:

- ✓ Alternative to compacted granular fill
- ✓ >100%+ reduction in GWP

### At-a-glance Data

	GWP of ProZero Materials	Typical Compression Strength	Removability Modulus (RE)
7 days	NA	50 PSI	NA
28 days	-13.76 kg CO <sub>2</sub> eq/cy	70 PSI	1.37

### Typical Concrete Proportions



What happens when you replace a percentage of your cementitious with **ProZero Carbon Negative Blend**?

#### CASE STUDY - OCTOBER 2024

**ProZero flowable fill placed and mixed with 50% of total cementitious replaced**

- ✓ Reduced cementitious load content by 1/3
- ✓ 7-9 inch slump
- ✓ Removability modulus 1-1.5

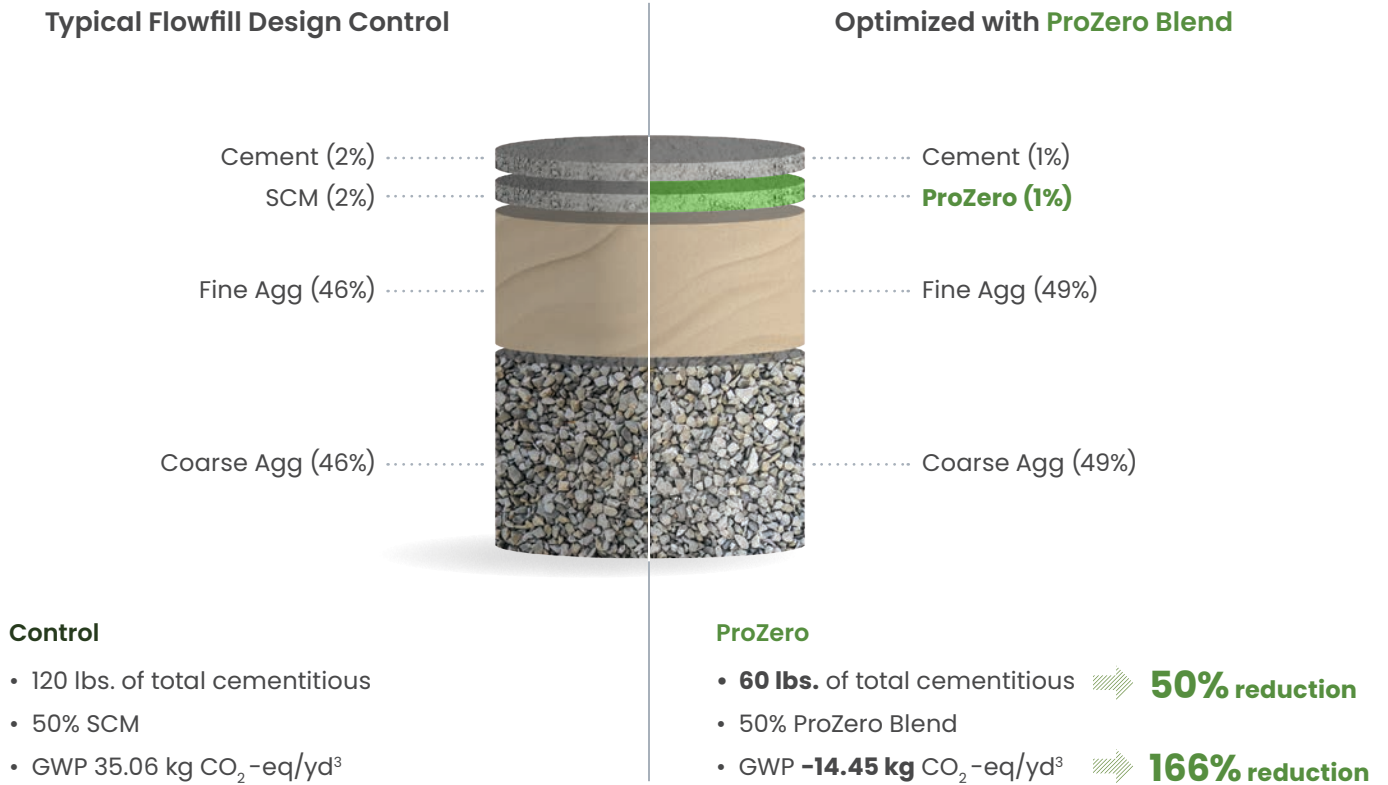


**Collaborate with Prometheus Professionals to design a custom mix that works for your project and your low embodied carbon goals.**

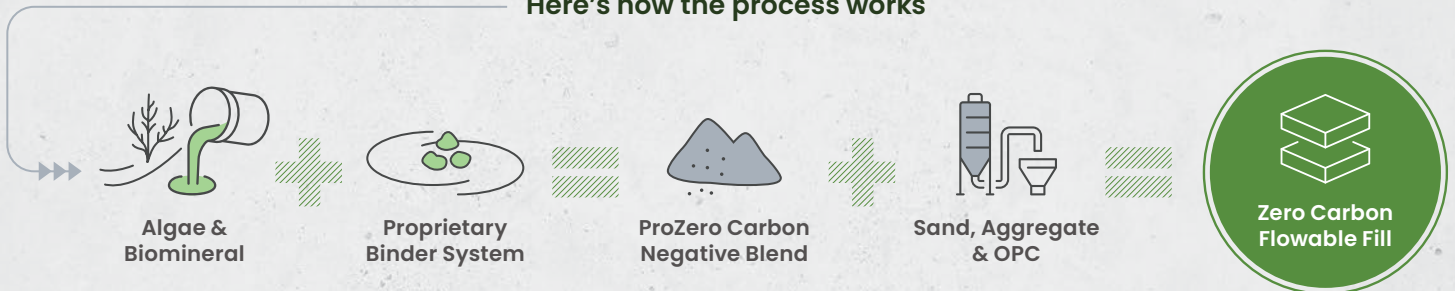
Your supplier can plug-and-play their way to carbon negative.  
1:1 Replacement of your OPC or SCM



## Impact on Flow fill: Use Less Cementitious and Reduce your GWP



### Here's how the process works



Now licensing carbon negative supplemental blends for use in cement and ready mix production.