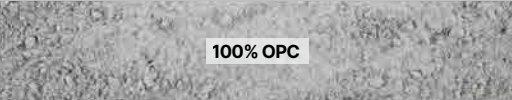

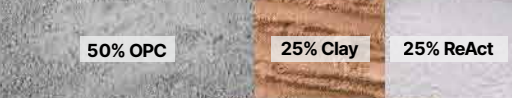


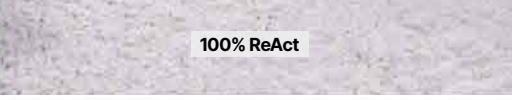


## Example GWP Reductions Across ReAct® Applications

Cement	Application	Composition	ReAct Amount	GWP (kg CO2e/MT)	Reduction vs. OPC
C150 Type I	OPC Baseline	 100% OPC	0%	919	NA
C595 Type IL (15)	Portland Limestone Cement	 85% OPC 15% ReAct	15%	828	10%
C1157 Type HS	LC <sup>3</sup> Enabled	 50% OPC 25% Clay 25% ReAct	25%	627	32%
C595 Type IT	Fly Ash Extender	 45% OPC 40% Fly Ash 15% ReAct	15%	460	50%
C595 Type IT	Slag Extender	 30% OPC 55% Slag 15% ReAct	15%	403	56%
ReAct Cement C1157	Zero-Clinker Cement	 100% ReAct	100%	226 <sup>[2]</sup>	75%

[1] GWP values are per ton of dry powder; ReAct GWP contribution assumes grid carbon intensity of 0.36 kg CO2e/kWh and 100% natural gas fired kiln, [2] Can achieve 0 kg CO2e/ton with 100% green energy