

# Carbon Emission Reduction for BSF Project

FlexiDry Global Ltd is committed to reduce carbon emissions.

The Building Schools for the Future (BSF) project is running over 20 years and to enable the reduction in the CO<sub>2</sub> emissions associated with the screeding of this project we have recommended a different specification using FlexiDry floor screeds.

The BSF project involves over 4,000 schools with completion scheduled for 2029.

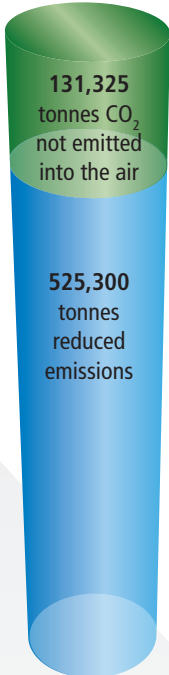
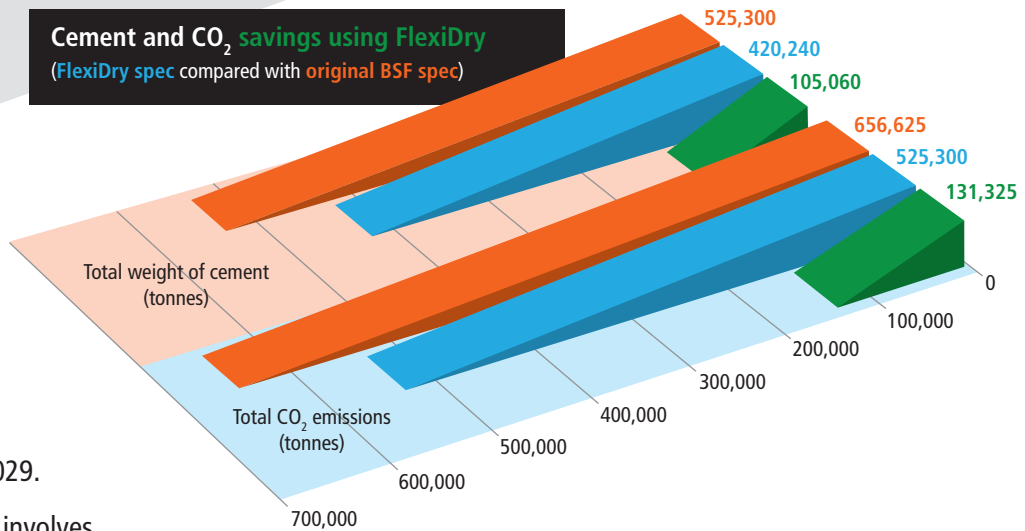
The project started in 2009 and currently involves 2,367 schools. On average we estimate completing the screeding of 200 schools a year with the average job size per school of 5,000 square meters.

For 1 tonne of cement the carbon emission is 1.25 tonne

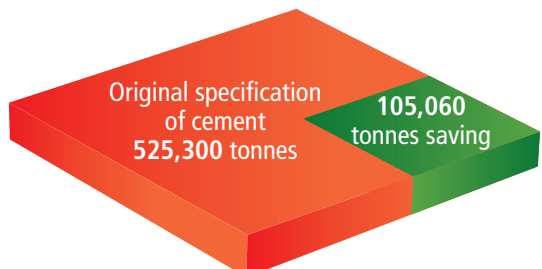
## Single school example – Barnfield South School

This project is within Luton BSF – total area 11,800sm

**Cement and CO<sub>2</sub> savings using FlexiDry**  
(FlexiDry spec compared with original BSF spec)

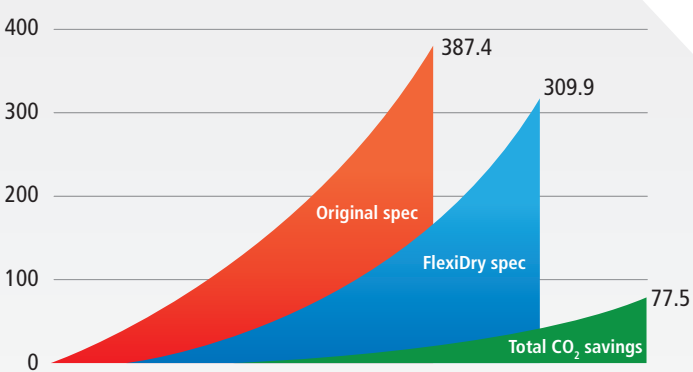


**CO<sub>2</sub> emission savings**  
(the total height of the cylinder is the CO<sub>2</sub> emission for the original spec)

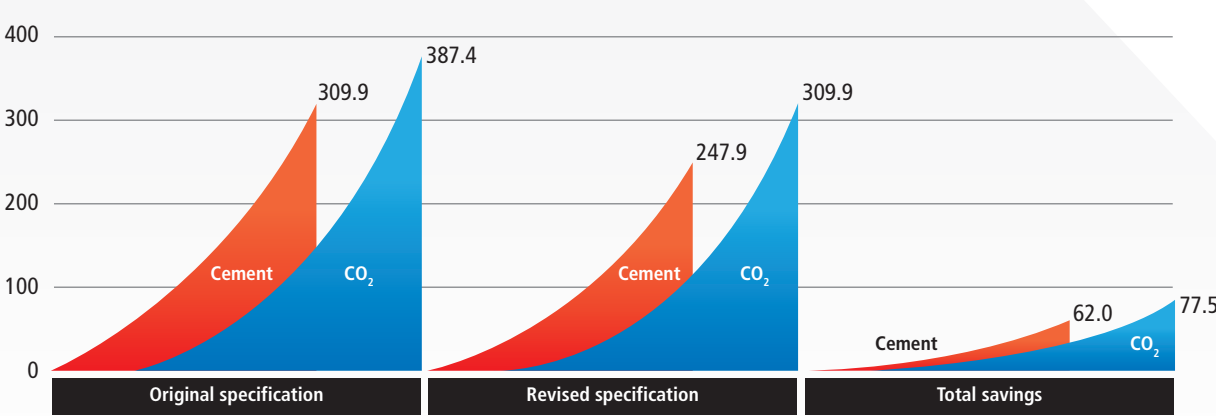


**Total cement savings in tonnes**

**CO<sub>2</sub> emissions comparison in tonnes**



**Cement and CO<sub>2</sub> emissions, showing savings in tonnes**



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