



Safety – a key concern.



Ask most civil engineering companies if they've ever had to remove tops of pylon caps and they'll probably answer with a resounding YES! Ask them the next question of how easy it was and the answer may be rarely the same, more like, "ask my team" or "we did it in the end!"

The options have varied from cutting, breaking or just grinding off the top. The main considerations are generally protecting the rebar and cages and making sure they're undamaged. One of our clients - Sangwins - have said that damage to the metal has to be minimised and more conventional methods have safety issues. Well now there is another way and much less physically demanding; safer

than crushing and the inherent potential for flying debris; and controlled. Sylentmite – is a non explosive, safe to use expanding mortar.



Dependant on how much you're trying to break off, holes need to be drilled, approx 38-50mm and to 80% of the depth of concrete to be broken off. The holes need to be filled with Sylentmite mixed with water and then just left. Dependant on the strength of the concrete and ambient temperature, cracks will appear after around 45 minutes.

These were left overnight and the cracks were evident. At no time are any personell in risk of flying debris.

- Safe, environmentally friendly and gentle
- Non explosive, non toxic, non flammable
- No noise, vibrations, flying rocks or toxic vapours
- No special training, equipment or licenses
- No special storage
- Fast, clean, efficient, and cost effective

Sylentmite creates up to 20,000PSI of pressure to break Concrete and Rock in a controlled methodology. Heat is also created from the reaction of the product with water and when it's finished, the result is a non-toxic powder that can simply be washed away and is biodegradable, reducing any waste and pollution typically associated with conventional methods. Safe to use and safe for the environment!

– ***'Better and Faster for Less.'***

