



Boulders, boulders – Everywhere!



In Sothern California they get a lot of boulders. They find them everywhere and always in a place where you don't want them!

These are normally peckered for what seams like an age or as a last resort Blasted, but with safety, noise and legislation the latter can take time just to get hold of the certificates. The latest breakthrough is an environmentally friendly expanding mortar – Syalentmite – that works on the same principles that have been known since before the Egyptians, PRESSURE.

Syalentmite creates up to 20,000PSI of

pressure to break Rocks and Concrete in a simple, safe, controlled method. These boulders are more than 8 tonnes and with the pattern of drill lines, the expansion has created an almost perforated break, making it really simple to remove the debris. Heat is also created from the reaction of the product with water and in the hole the heat gets in excess of 250° so you don't stand too close once you've poured Syalentmite in the holes. When the bolder is cracked and Syalentmite has finished it's reaction, you're left with a non-toxic powder that can simply be washed away and is biodegradable.



The holes were filled with Syalentmite and were all left overnight to break up these boulders, but dependant on ambient temperature and the strength of the Rock/Concrete you're breaking, cracks can appear after around 45 minutes. Notice how the break has appeared just through the expansion of Syalentmite!

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

Notice the depth of the drill holes to break up the boulder completely. We recommend 80% depth and regular spacing, but ask for a methodology statement for any specific job and we'll deliver!

– ***'Better and Faster for Less.'***

