

# Soundex Cutting Enclosure in action

Containing and controlling noise in sensitive environments

**The hazard:** Cutting and grinding unavoidably creates high levels of penetrating noise in and around a building site, presenting an auditory danger that needs to be managed.

**The Soundex Cutting Enclosure** quickly creates a standalone cutting zone within a site, and establishes an acoustically-controlled area in just a few minutes. It has a built-in cutting deck and unique left and right ports to enable long lengths of timber or other materials to be worked on. As well as effectively enclosing noise, this enclosure stops dust migrating into other areas. When used in conjunction with RVT's Dustex Raptor, it also helps to ensure dust is safely captured and filtered out of the working area.



**The challenge:** Noise levels produced from cutting activities can be dangerous for construction workers. Additionally, site managers need to address the auditory impact on the local area.

**Case study 1:** Morgan Sindall construction faced noise-containment challenges when undertaking extensive expansion, modernising and landscaping a school development in Hampshire. The school needed to remain operational, so the building company had to reduce the level of disturbance. The Soundex Cutting Enclosure was able to contain and absorb the intense noise generated by the chop-saw and other cutting work, allowing site workers to operate within the school grounds and alongside classrooms, without interrupting lessons.

**Case study 2:** Leading house-builders Lovell faced a similar challenge when constructing a new three-floor apartment block in a busy part of Birmingham. The company was keen to ensure that noise and harmful timber dust created by construction work did not cause harm or nuisance to workers or the general public. Lovell's management had previously been impressed with the noise and dust control capabilities of the Soundex Cutting Enclosure, and were quick to make use of this product again. The enclosure allowed the Lovell's team to progress the 28 new homes contained in the apartment block, without disturbing the surrounding residents.

Technical specification	Key benefits
Fire resistant H2O-Tech® waterproof technology Up to 32.3dB reduction in noise 2500 x 2250 x 2000mm Robust aluminium or GRP construction	<ul style="list-style-type: none"> <li>+ Quick and easy installation</li> <li>+ Easy to transport - folds down to fit onto a single pallet</li> <li>+ Optional casters for ease of movement</li> <li>+ Lighting and dust extraction available</li> <li>+ Cutting deck for chop-off saws</li> </ul>

**“The Soundex Cutting Enclosure was very easy to set up and use, and has enabled us to reach our objectives, being especially useful when our carpenters were cutting second fix material”**

Site Manager, Lovell