



CUT THE DUST

Campaign to Tackle Deadly Silica Exposure

Cutting roof tiles releases respirable crystalline silica (RCS) dust (typically 30 - 45% silica content). Protect yourself and your team—cutting roof tiles creates silica dust that can cause lung cancer, silicosis, and chronic obstructive pulmonary disease (COPD).

WHY IT MATTERS:

Silica is present in many common roofing materials, including concrete and clay tiles, slates and mortar. When these materials are cut, drilled or ground, particularly during dry cutting, they release fine respirable dust particles that can be inhaled deep into the lungs. Silica dust can cause:

LUNG CANCER | SILICOSIS | EMPHYSEMA | CHRONIC RESPIRATORY DISEASE



DO'S

Plan to minimise cuts—order tiles to size where possible



Use water suppression every time



Wear suitable RPE—FFP3 mask or half-mask with P3 filters (APF 20)



Ensure face-fit testing and clean shaven for tight-fitting masks



Keep cutting outdoors and away from others



Clean up with wet methods or a class M/H vacuum



DON'T'S

Don't dry cut tiles without dust suppression



Don't rely on RPE alone—control dust at source



Don't dry sweep—it puts dust back into the air



Don't let unprotected workers near the cutting area



SCAN QR
CODE TO FIND
OUT MORE

THE RISK MAY BE INVISIBLE,
BUT THE CONSEQUENCES ARE NOT.
STOP AND RETHINK, CONTROL IT,
TAKE RESPONSIBILITY TO PUT IT RIGHT.