

ULTRA ACCESS

World Sight Day - with a Scaffolders twist

Discussing about how Safety Glasses can protect your own sight

On **World Sight Day**, we'd like to add our own scaffolders twist on to it...
... and discuss **Safety Glasses / Goggles**, what they are, how they work, and why / when you should wear them.

Safety Glasses function as protective eyewear, shielding ones eyes from workplace hazards like flying debris, chemicals, and possibly even radiation.
Their impact resistance stems primarily from lenses made of polycarbonate, a thermoplastic polymer with high tensile strength and elasticity, allowing it to flex and absorb kinetic energy without shattering, preventing fractures or penetration that could injure the wearers eyes.



Anti-glare properties are achieved through specialised coatings or filters.
Anti-reflective coatings, which are comprised of multi-layered dielectric films, minimise surface reflections, and improving contrast in bright environment's.

Polarised lenses, incorporating polyvinyl alcohol films with iodine, block horizontal light waves from reflective surfaces like water or metal, cutting glare by 50-90%.
UV-absorbing additives in polycarbonate block 99% of UVA/UVB rays and provide lightweight durability...
... and should be worn anywhere where impacts from tools or particles pose a risk.



With regards to scaffolding and to when to wear them on site, your **RAMS** would (or should) give clear instructions to what PPE would be required for the tasks you are carrying out.

However; **ULTRA ACCESS** would highly recommend wearing **Safety Glasses** in any situation where there could be impacts from things like erecting / dismantling System Scaffolding, Drilling in Ties, Hammering Nails, or Cutting materials, and also when working on / within and around dusty environments.

Of course, there does need to be an element of common sense employed, when wearing them as they are prone to steaming up, through excessive sweating and could even cause a serious safety issue if they remain on in heavy rain combined with working at height practices, they could actually become quite dangerous to wear.

As always, **its better to be proactive and have a pair with you in your kit** - with as little scratching to the lens as possible, which again could cause a safety issue, ultimately, common sense again plays its part, unless your RAMS instruct otherwise...

ULTRA ACCESS
Scaffold Technical Support

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