



CASE STUDY

GRANDSTAND AT GRAMSBERGEN – REBIRTH AFTER 40 YEARS

An existing Elascon stand was saved from demolition thanks to the enthusiasm and decisiveness of one man. In summer 2011, Harry Haverkotte, former board member of SV Gramsbergen, heard that their neighbours from Hoogeveen would move to a new sports park.

The good condition of the main grandstand caught his eye so he bought it for €7,000 including the cost of disassembly. The stand was originally built in 1976. Back then, the board of Hoogeveen awarded the construction for 139,200 Dutch florins. If you convert this to today's value, that is ~€163,000.

Within two years, a wonderful 32 metre long stand arose from the ground.

Eventually, the stand only cost €35,000 while a new building would have at least cost €200,000. Everything was reused, apart from the bolts, nuts and the old wooden boards.

The boards were replaced by new seats. The only decorative paintwork that had to be done was on the inside of the roof.

The excellent state of the galvanized steel was confirmed during disassembly. The outer structure had spent 40 years exposed to the weather, but the galvanized steel was in perfect condition and did not need to be regalvanized. The remaining galvanized coating is more than 100µm thick and the stand will last for many more decades.

Top

The new grandstand at SV Gramsbergen had already seen decades of use at another nearby club

Bottom

After decades of service, the galvanized steel was ready for direct reuse in the new location





Left

The original Elascon stand served the Hoogeveen club since its construction in 1976



Far left

When Hoogeveen relocated to a new stadium, SV Gramsbergen dismantled the stand for reuse at their ground

Left

Even the minor galvanized steel connections were in good enough condition to be dismantled for direct reuse



Left

The reconstructed stand at SV Gramsbergen ready for another life cycle for its galvanized steel that could reach 100 years in total

Image credits: FC Gramsbergen/Maité Thijssen/Zink Info Benelux

Learn more about galvanized steel and the circular economy

The galvanizing industry is moving forwards - keeping galvanized steel at the forefront of solutions for tackling climate change and delivering the circular economy.

Galvanized steel can provide innovative solutions that optimise durability and facilitate circularity of steel structures and components. These solutions can be easily implemented using this well-established and simple method of protecting steel.

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