

Double gain with newly developed wall anchor

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Airstep wall anchor improves safety and reduces the risk of theft. The foreign markets have in a short time accepted the Danish-developed scaffolding solution.

The safety of the Danish construction sites is forever under scrutiny and it will hardly be less in the future. The Labor Inspectorate is on continuous inspection visits all over the country but in spite of this the survey issued by the Labor Inspectorate last spring shows there has been an increase in the number of occupational accidents in the construction industry from 4,539 in 2011 to 5,177 in 2016.

The scaffolding industry contributes to the statistics. There are many work situations when working on scaffolding or handling scaffolding which poses a potential risk and therefore requires attention. It is not only a fall from scaffolding one can be harmed by even if this situation is quite serious. More commonly head injury is caused by collisions with for example wall anchors on the scaffolding. Some companies have a policy of mandatory injunction for the use of helmets but not everyone is jumping on the move and it gives bumps and scratches as the grey metal fasteners can easily be overlooked when working.

Fewer head injuries

The damage can now be prevented with a modern solution. The Danish company Nordic Platform P/S has been created on the idea of transferring and using the benefits of composite materials for the scaffolding industry and among their latest developments are wall anchors in composite.

The product is part of the Nordic Platform Airsteps product line which also includes composite scaffolding platforms. The wall anchors were launched in Denmark, Norway and Sweden shortly after the summer holiday this year and in all three countries they are already big sellers. In addition the wall anchors have been presented to 16 selected companies in Germany and large orders have just been signed in both the Netherlands and Scotland.

Airsteps wall anchor has a diameter of 48.3 mm and performs the same function as the standard aluminum wall anchor. The differences are Airsteps is made in composite material which gives less weight to handle and the biggest advantage is the strength, stresses Per Mose, CEO of Nordic Platform.

„Composite is a very strong and durable material. Equipped with a PP hook the Airsteps wall anchor can hold 300kg. This clearly complies with the requirements for easier scaffolding tasks. In Sweden there is a demand for wall anchors to handle 750kg push/pull and in Germany, Europe’s largest scaffolding market, they demand 1000kg push/pull. We can now meet those demands with our newly developed composite wall anchor with steel hook“

Powerful signal

Another major advantage of the new products is their strong colors. They are produced by default in the distinctive colors of red, yellow, orange, blue and green but they can be delivered in all colors according to customer wishes. Customer names and logos can even be laser-printed on the wall anchor to enhance the communication value of a construction site and the colors reduces risk of theft.

„Because they are produced in powerful colors they are easier to spot - both at a distance and close up. For the bricklayer working on the scaffold it means less risk of head injuries and at a far distance it means signaling to the outside world“, says Per Mose Jakobsen.

The strong colors also make it easy to check if all attachments are properly seated. Standard lengths 40, 80 and 100 cm is common but it is possible to order in other lengths. If you want to customize an existing length it can easily be done with any kind of hand-saw. The sharp-edged ends can be fitted with a safety cap.



The newly developed wall anchors from Nordic Platform are made of composite and is characterized by its strength and color possibilities. Here is the scaffolding supplier Turner who has chosen his own color and printed the company name. Photo: Nordic Platform.



Equipped with a steel hook Airsteps wall anchor can hold a push/pull of 1000 kg. Photo: Nordic Platform.