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Press Release

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New aluminium profiles with a closed-off system groove for cleanroom technology (Profiles 8 N and accessories)

The versatility of the system and its ease of handling in creating applications have enabled the MB Building Kit System to become a standard for machinery construction, automated equipment, workplaces and various industrial installations over many years. One crucial feature of the system is the groove in the aluminium profiles which provides firm anchorage for all manner of attachments.

In certain environments, the convenient groove in the MB Building Kit System profiles is not always a welcome feature in every profile strut because they can also harbour dirt or detract from the visual appeal. Particularly in cleanrooms - but also in other sensitive environments - profiles with flexible fastening options but not necessarily with large format openings in the sides are required. As a result, item has wasted no time in providing the most popular profile sizes with closed or partially closed off system grooves.

The new profiles in Line 8, which look as though they are completely enclosed and have no grooves, are further evidence of good ideas put into practice. For the first time, it is now possible simply to open up closed item profile grooves where additional components are to be fitted or if connections with other profiles are to be set up. The two ends of the required groove are marked with a hole and the intervening groove cover simply plied off with a screwdriver.

And, as if that were not enough, not only the side of the profiles has been redesigned, no effort has been spared to create concealed profile joints. The new Automatic-Fastening Set 8 N is concealed inside the closed grooves when it is fitted and ensures a strong, load bearing screw connection between the two profiles. The only evidence of the hole drilled in the side of the profile later is the integrated and unobtrusive grey cap.

The tried-and-tested standard fastener can also be used with the profiles: grey caps are now also available for the profiles which blend in with the aluminium surface very effectively and are hardly visible.

In this way, it is a simple matter to keep the profile construction clean – since there are no more open grooves, no undesirable particles can lodge there.



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