

Extended lifetime of mixing blades



Hawiflex® middle and side blades for twin shaft mixers now offer a patented surface-plus.

The use of twin shaft mixers is very popular for the production of readymix concrete for many good reasons. Long performing middle and side blades are an essential component in the production of concrete as they are exposed to a high weary surrounding.

The heavy chill cast mixing blades have to be replaced regularly and they are a big part of the energy expenditure of a mixing plant. In general lighter mixer spares made of Hawiflex® offer significant advantages against chill cast materials.

In this context habermann materials developed an improvement of the standard chill cast version that the mixer plant producers commonly choose.

Hawiflex® middle and side blades for twin shaft mixers now offer a patented surfaceplus. To reduce the wear of the outer edge of the blade there were positioned many guide ribs on the surface of the blade, which channel the concrete

mix on the blade to the sides and away from the outer edge. As a result of this principle coming from fluidics the load on the outer edge is reduced and thereby the lifetime of the blade extends.

Meanwhile many twin shaft mixers are running with the patented guide ribs. They are most popular as today also for twin shaft mixers the Hawiflex® blades offer weight reduction and long lasting and therefore they are a welcome alternative. The patented ribs pave the way for the many other advantages of the Hawiflex® blade. The mixer operators and the maintenance personnel benefit from the reduced cleaning time as a result of less concrete adhesion. As a result the mixing blades can be readjusted much less complicated and quicker.

Encouraged of these successes habermann materials is going to expand the advantages of the new guide ribs to stay the innovative partner for Polyurethane technology for their customers.



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