

## DSI – EMEA – PT – TS Announcement

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### Extension of ETA-06/0025 – SUSPA Strand

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**Keywords: optimized MA-anchorage, MA-anchorage without helix, bond anchorage H, single strand tendon bonded**

Since 25<sup>th</sup> of February DSI is owner of amended and enhanced ETA-06/0025 for “SUSPA Strand” (validity from 2013-02-25 to 2018-02-24).

Please note the following amendments and enhancements in comparison with the previous version:

- Improved smaller MA-anchorage dimensions by implementation of new MA-body series 2311
- New type of MA-anchorage with stirrup reinforcement only and without helix
- Amendment of bond anchorage types HL and HR in European Technical Approval
- Amendment of bonded single strand tendon with anchorage SK6 and movable coupler K6-K6
- Higher prestressing forces with reference to prEN 10138-3, version of 08:2009
- More elaborate specification of curvature radii and possible adaption with formula given in section 2.7  
 The curvature radii are specified within a range of 140 to 200 kN/m =  $p_{R,max}$  - pressure under the prestressing strands - and must be chosen according to the standards and rules valid in the place (country) of use. By choosing  $p_{R,max} = 200$  kN/m smaller radii compared with previous ETA version are possible especially for larger tendon sizes.

Further amendment of the SUSPA Strand PT-system with 3-part-wedge (substitution of 2-part-wedge) and plastic duct is in progress but will be issued in separate ETA with own new no. .

The national approval for application in Germany has been requested at DIBt and is in progress.

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