

# Speedstack 2020 Release

Richard Attrill – January 2020 (Rev 2)





# **Introducing Speedstack 2020**

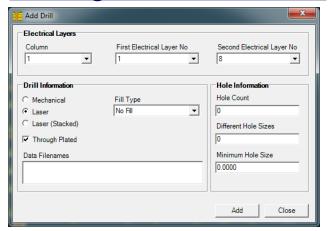
Welcome to Speedstack 2020.

Speedstack 2020's new features include many that have been requested through our Polarcare software maintenance service.

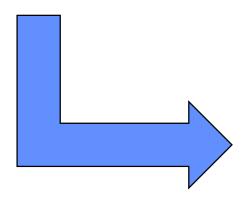
If you would like to have a web-based demonstration please contact your local Polar office, details are shown on the last slide of this presentation.

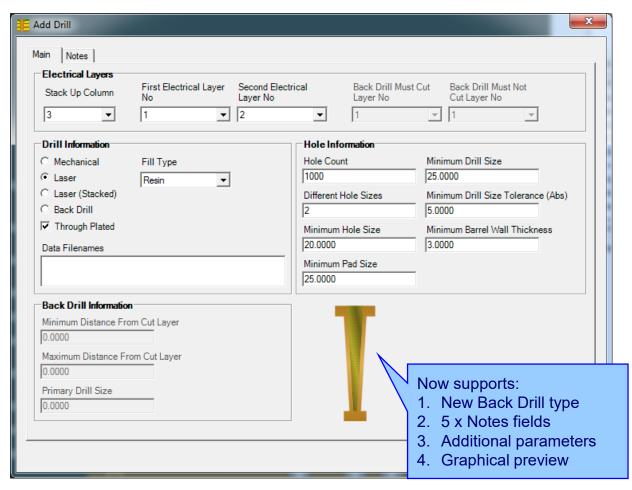


#### **Drilling enhancements**



Current Add Drill dialog

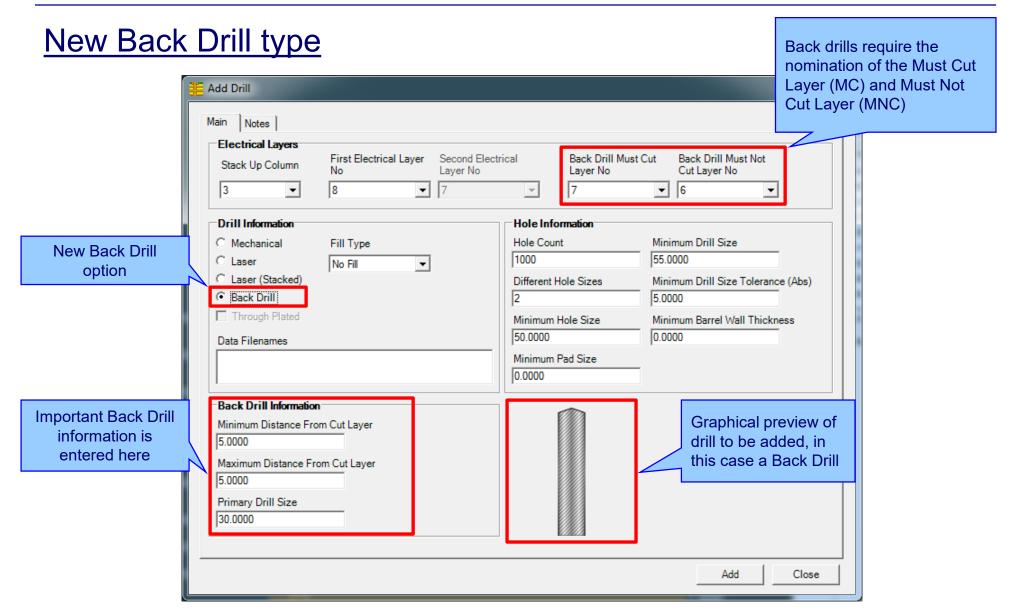




Enhanced Add Drill dialog with improved functionality

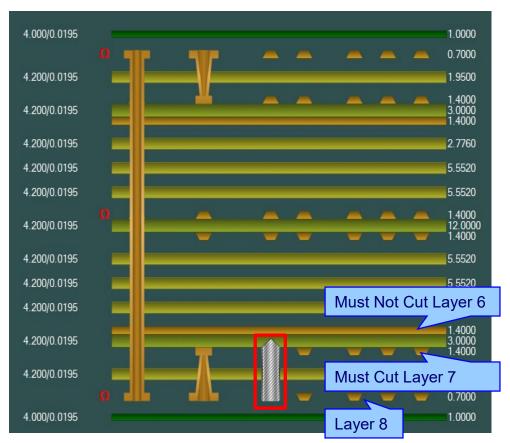






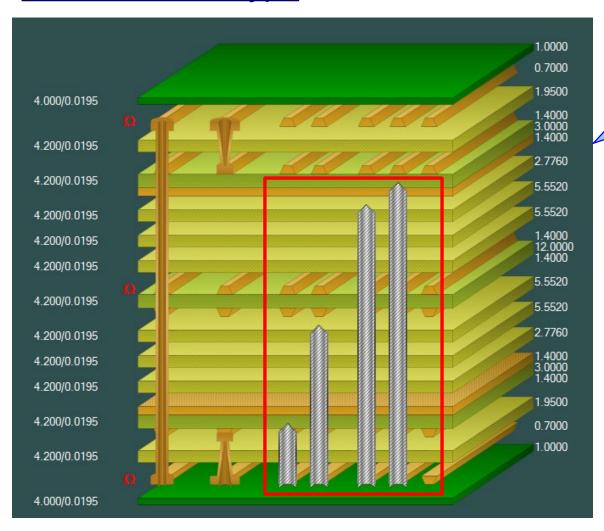






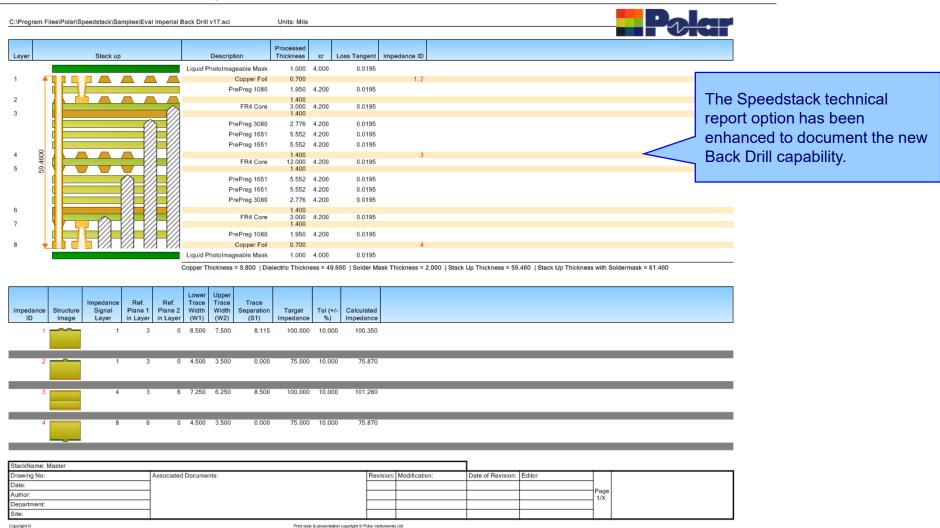
Back Drill added to the stack up. 3D and 2D images shown



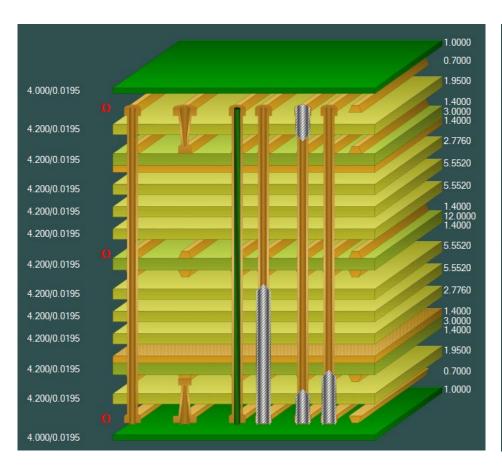


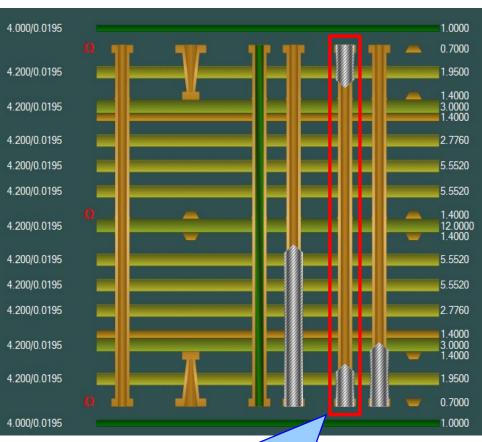
Other examples of the new Speedstack Back Drill capability. Although this is not a 'real world' stack up it does show how back drills can be added using the Must Cut / Must Not Cut methodology





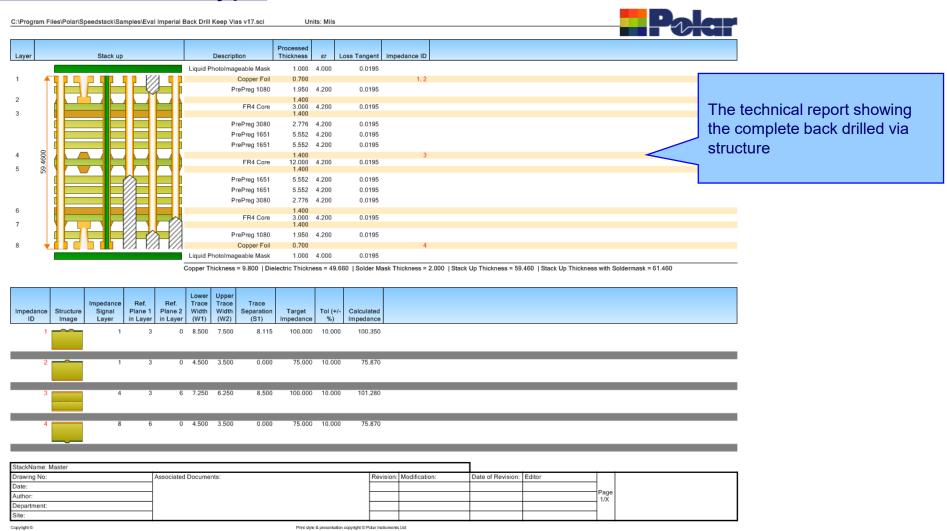






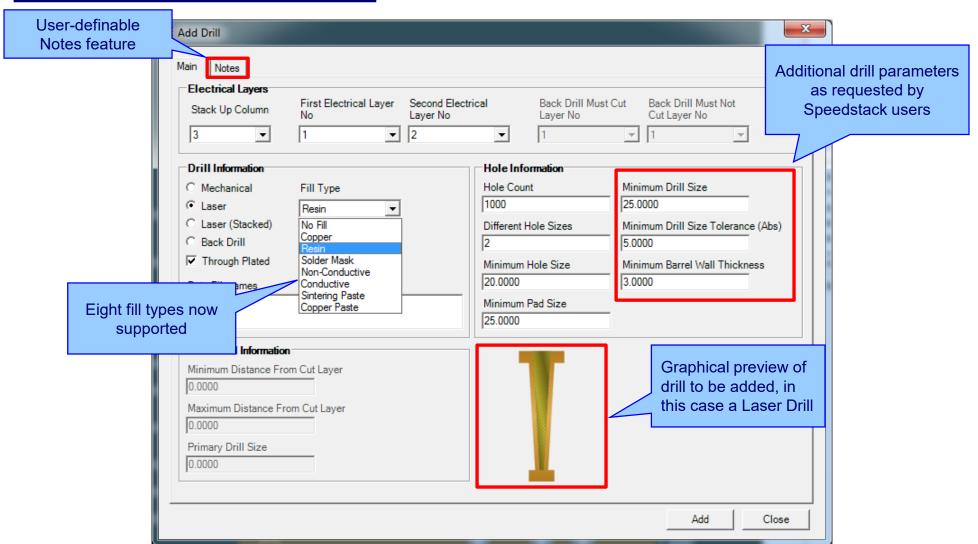
It is also possible to overlay Back
Drills on top of existing through-plated
drills, to document the complete back
drilled via structure



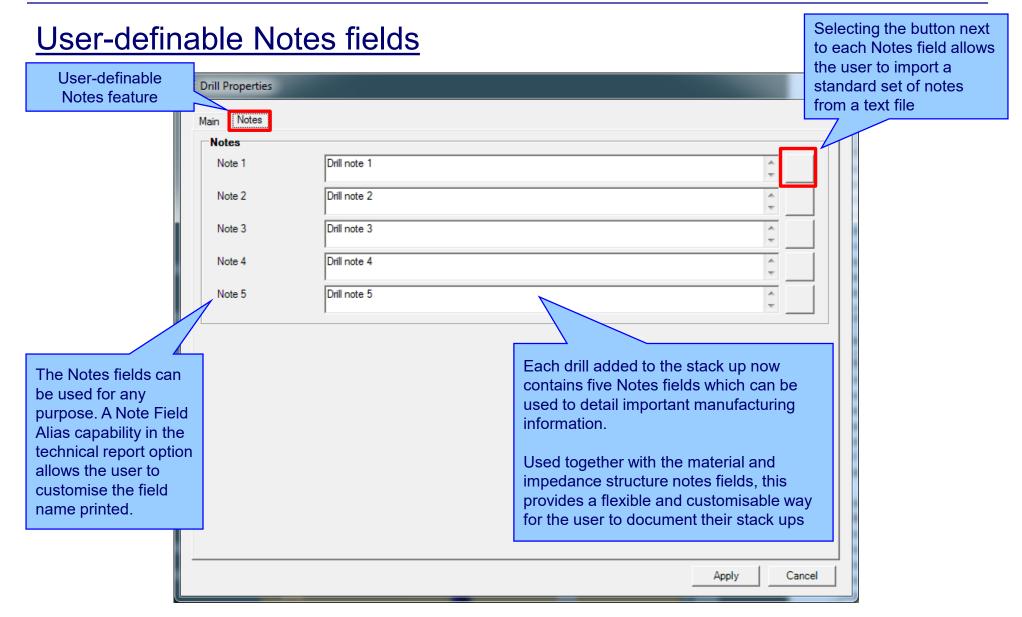




#### Other Drill enhancements



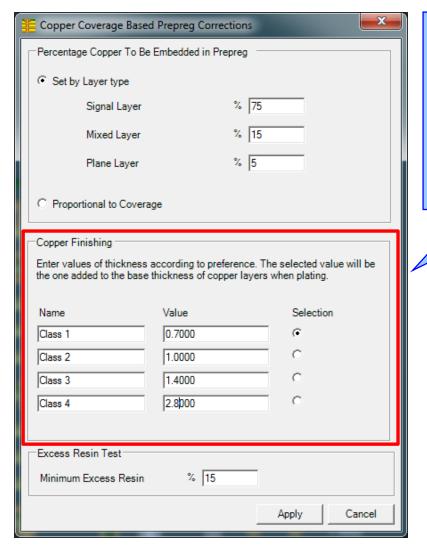






# Copper Finishing enhancements 😹



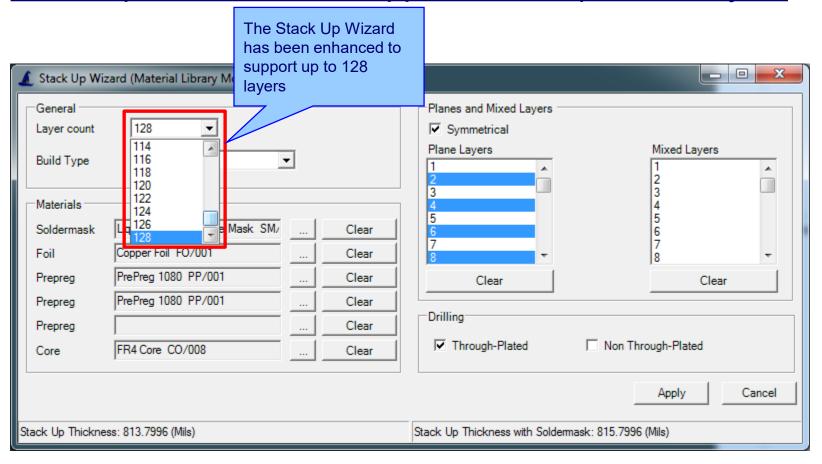


The Apply Finishing option now supports multiple user-nominated copper finishing values.

Depending upon the PCB Class selected, a different amount of copper plating is applied to the base copper

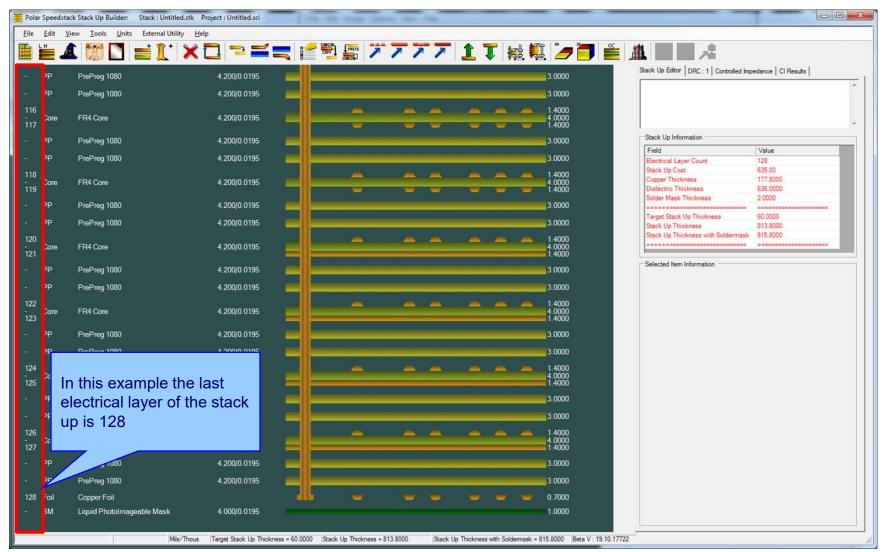


# Stack Up Wizard - now supports build up to 128 layers



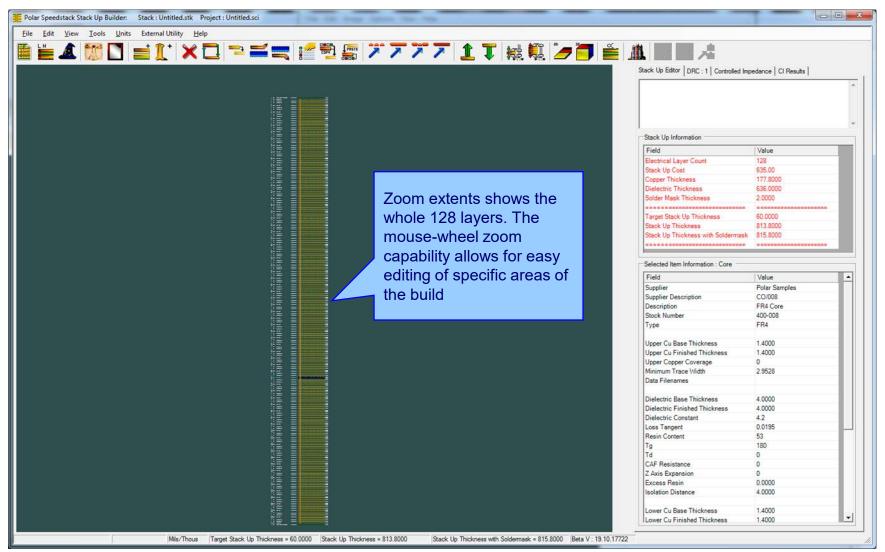


# Stack Up Wizard - now supports build up to 128 layers



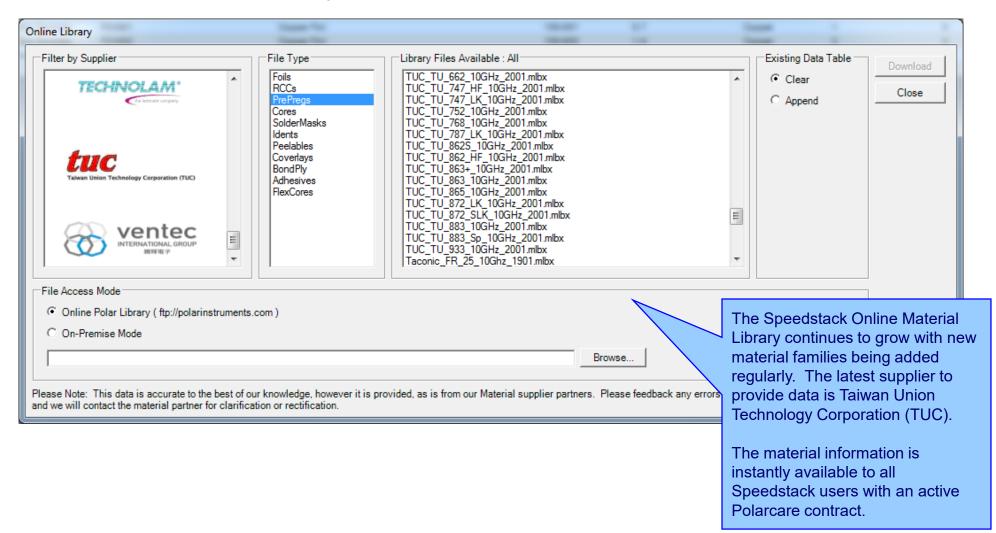


### Stack Up Wizard - now supports build up to 128 layers





# **Online Material Library**



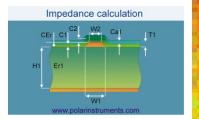


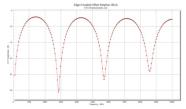
# Import / Export enhancements

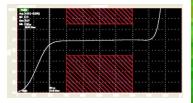
The following Import / Export options have been updated to support new fields introduced with Speedstack 2020:

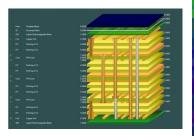
- XML STKX v17.00 and SSX v7.00 import / export options
- CSV export option



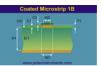




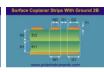


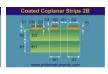




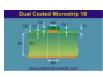


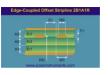












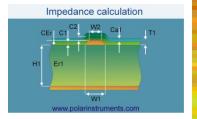
Thank you for viewing this introduction to Speedstack 2020. If you have questions we would be delighted to help you. Your local contact information is contained on the following slide

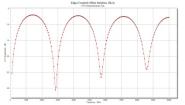


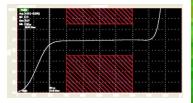
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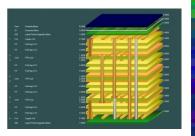
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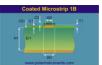




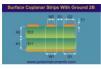


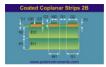




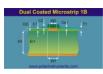


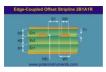












For more information:

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