BornAgain - Feature #1819

Review custom form factors after graded layer approximation

23 Jun 2017 12:17 - herck

Status:	Resolved	**Start date:**	23 Jun 2017
Priority:	Normal	**Due date:**	
Assignee:	herck	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:	Sprint 35		

Description

Check if there are no inconsistencies when defining a custom form factor (like in the example we provide on our website).
Also review the needed interfaces of a custom form factor to make it easier to define one (in both Python/C++).

History

#1 - 01 Sep 2017 13:37 - herck

- Status changed from Backlog to Sprint

- Target version set to Sprint 35

#2 - 04 Sep 2017 10:28 - herck

- Assignee set to herck

#3 - 04 Sep 2017 13:27 - herck

- Status changed from Sprint to Resolved

When defining a custom form factor (as in the example), the usage of average materials will not be enabled, since the default shape for IFormFactorBorn is zero-size dot. To be able to use average materials with a custom form factor, the following methods have to be implemented/overridden:
bottomZ and topZ
To also use slicing, one needs to override the sliceFormFactor method