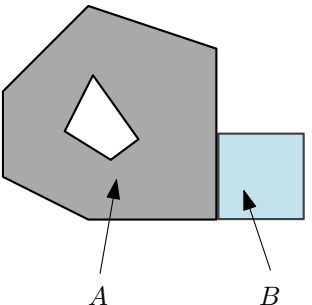
A `CompositeSolid` should have the following:

1. $A^o \cap B^o = \emptyset$
2. $A \cup B =$ one Solid



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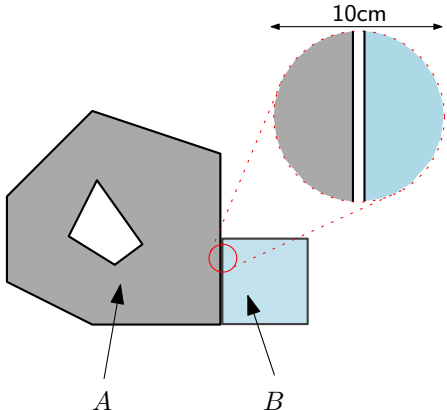

$A^o \cap B^o = \emptyset$

$A \cup B =$ two Solids

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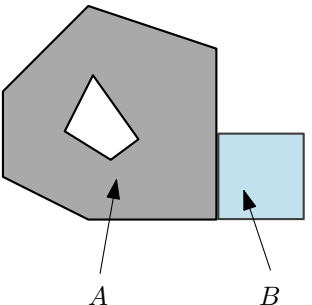

A `CompositeSolid` should have the following:

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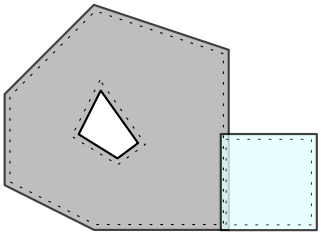
Dilation by 2cm



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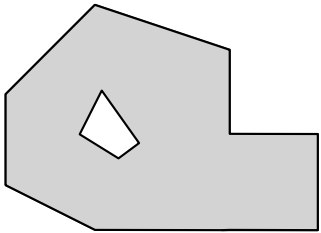

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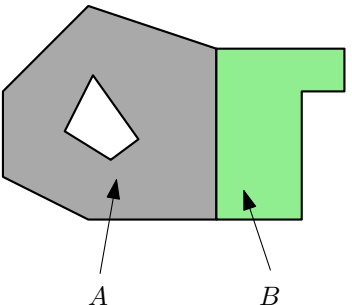

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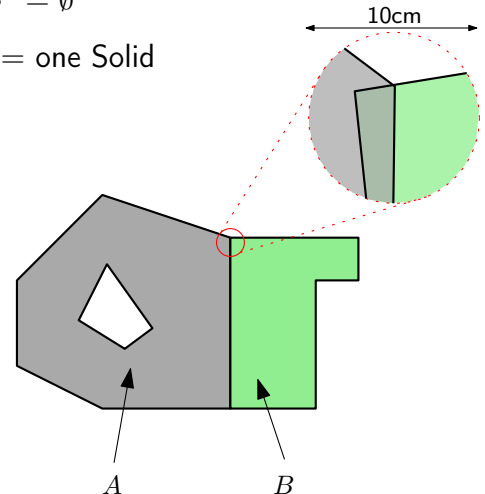

$A^o \cap B^o \neq \emptyset$

$A \cup B =$ one Solid

A `CompositeSolid` should have the following:

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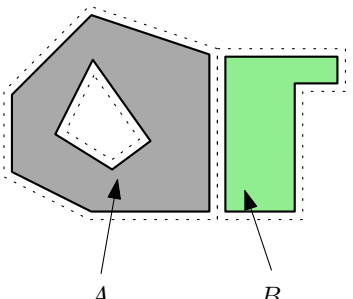
Erosion by 2cm



$A^o \cap B^o = \emptyset$

$A \cup B =$ one Solid