



Special Project

Weaving



Prerequisite Concepts	Concept 12
Key Concepts	Concept 15,16, 18
Bricklayer Version	1.2.3 or higher

When implemented in a 72×72 virtual space, the following fabric specification creates the LEGO[®] artifact shown in Figure 1.

line1	=	(19,0)	(72,53)	brick1
line2	=	(-1,54)	(53,0)	brick2
line3	=	(18,0)	(79,61)	brick3
line4	=	(-8,62)	(54,0)	brick4
line5	=	(0,18)	(53,71)	brick1
line6	=	(18,71)	(79,10)	brick4
line7	=	(-9,8)	(54,71)	brick3
line8	=	(19,71)	(72,18)	brick2
$fabric = \left(\begin{array}{l} line1_{x+1}; line2_{x-1}; line3_{x-1}; line4_{x+1}; \\ line5_{z+1}; line6_{x-1}; line7_{x+1}; line8_{x+1} \end{array} \right)_0^8$				

Before building this artifact it is recommended that you complete all Vitruvia exercises for Concepts 15, 16, and 18.



Figure 1: A *Bricklayer* fabric.

