



# Special Project

## Weaving



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

When implemented in a  $72 \times 72$  virtual space, the following fabric specification creates the LEGO<sup>®</sup> artifact shown in Figure 1.

line1	=	(18 , 0)	(71,53)	RED
line2	=	(0 ,54)	(54, 0)	BLACK
line3	=	(18 , 0)	(79,61)	RED
line4	=	(~ 8,62)	(54, 0)	BLACK

$fabric = (line1_{x+1}; line2_{x-1}; line3_{x-1}; line4_{x+1})_0^9$

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

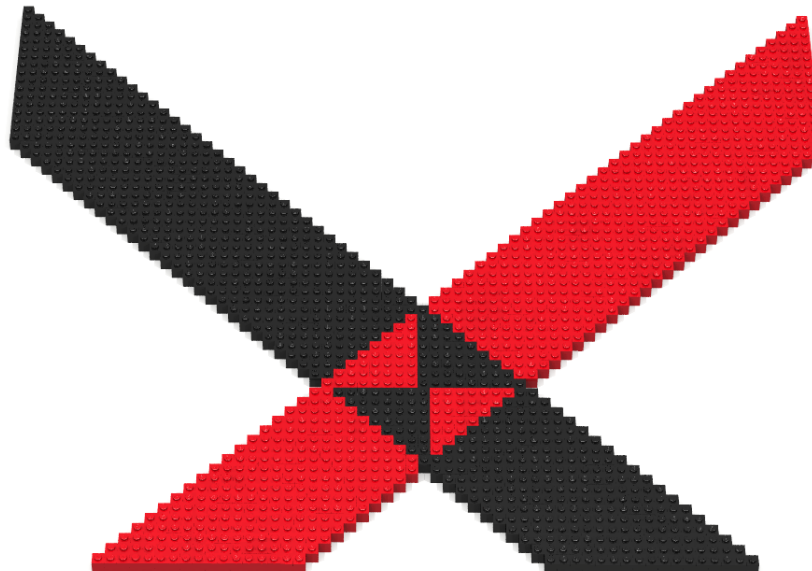


Figure 1: A *Bricklayer* fabric.

