Special Project
$\mathcal{W}eaving$

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

When implemented in a 65×65 virtual space, the following fabric specification creates the LEGO® artifact shown in Figure 1.

$$
\begin{aligned}
line1 &= (0\ ,0) \quad (42,42) \quad \text{YELLOW} \\
line2 &= (22\ ,42) \quad (64,0) \quad \text{RED} \\
line3 &= (0\ ,20) \quad (64,20) \quad \text{BLACK} \\[1em]
fabric &= (line1_{z+1}; line2_{z+1}; line3_{z+1})_0^9
\end{aligned}
$$

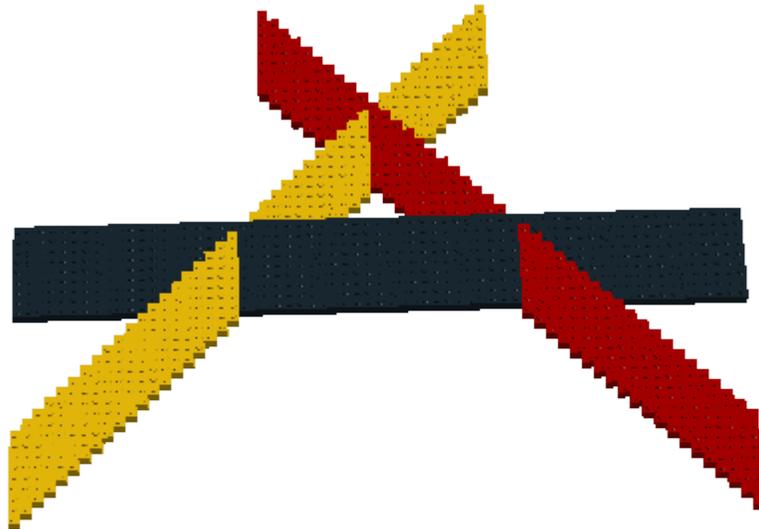Before building this artifact it is recommended that you complete all Vitruvia exercises for Concepts 15, 16, and 18.

Figure 1: A $\mathcal{B}ricklayer$ fabric.