

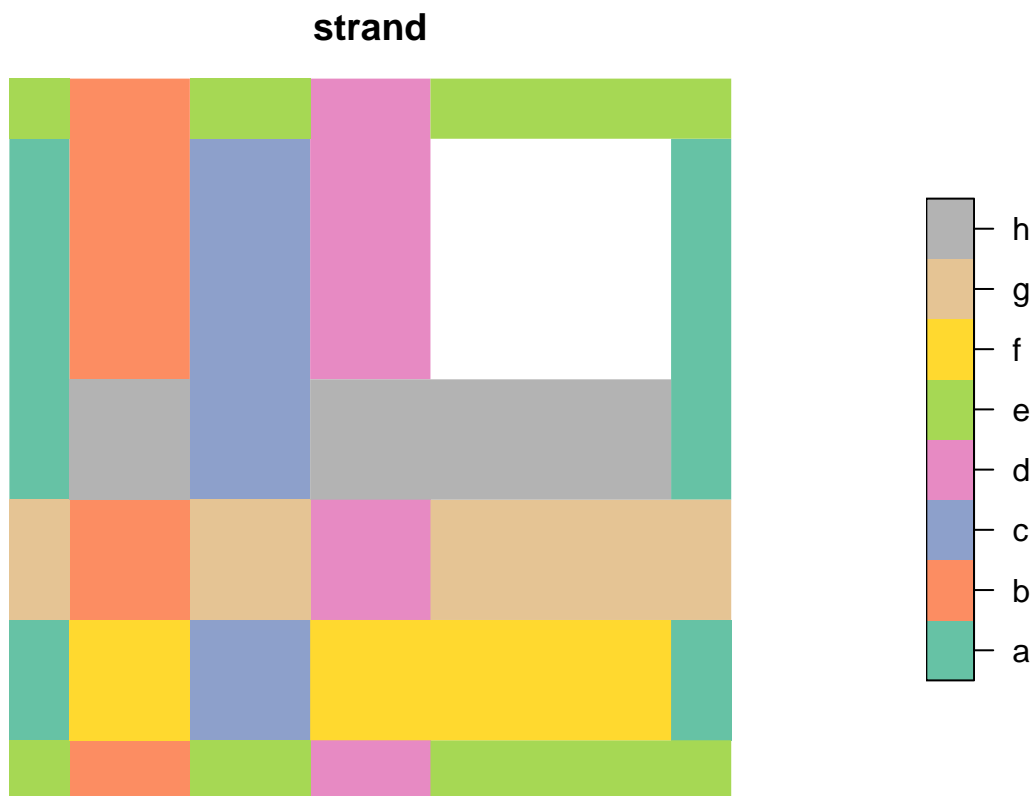
```
source("weaving-space-utils.R")
source("biaxial-weave-units.R")
source("triaxial-weave-units.R")
source("weave-map.R")

library(sf)      # vector spatial data
library(tmap)    # thematic maps
library(dplyr)   # data wrangling
```

Plain weave with gaps

```
m <- make_twill_matrix(1) %>%
  repmat(2) %>%
  augment_with_values(2, 0)
unit <- get_biaxial_weave_unit(type = "this", tie_up = m, strands = "abcd--|efgh--")

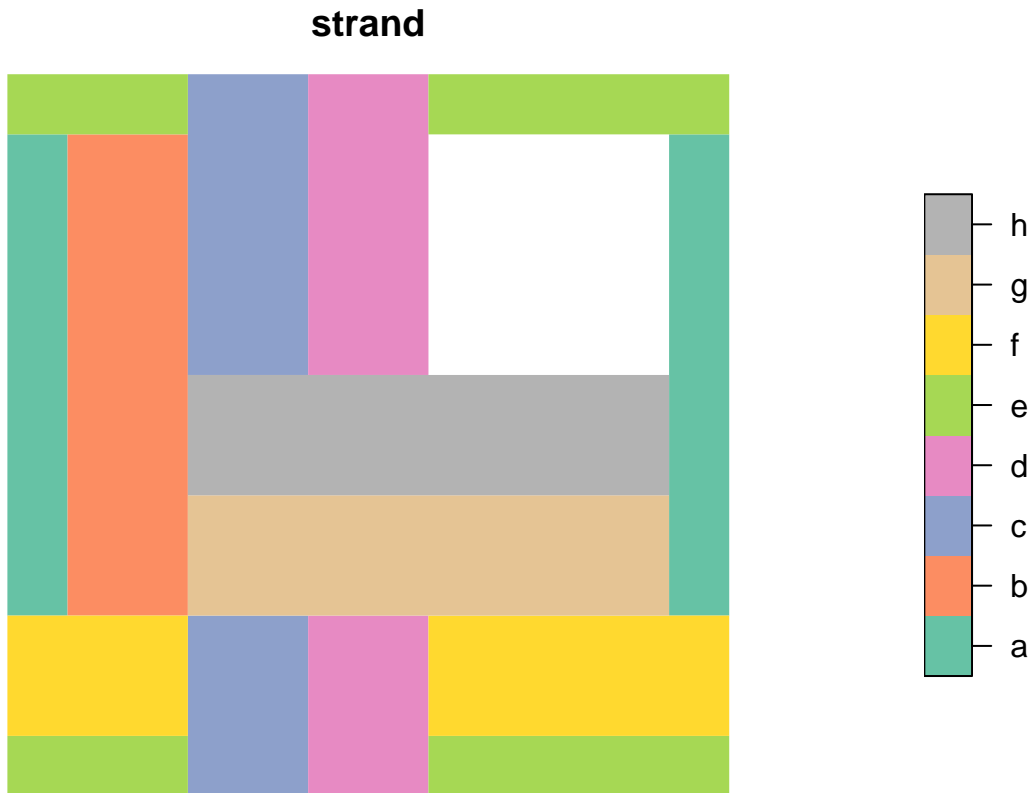
## Warning: attribute variables are assumed to be spatially constant throughout all
## geometries
unit$primitive %>% plot(border = NA)
```



2 x 2 basket weave with gaps

```
m <- make_basket_matrix(2) %>%
  augment_with_values(2, 0)
unit <- get_biaxial_weave_unit(type = "this", tie_up = m, strands = "abcd--|efgh--")
```

```
## Warning: attribute variables are assumed to be spatially constant throughout all
## geometries
unit$primitive %>% plot(border = NA)
```



6 x 6 basket weave

Note that the missing threads mean we don't need rows and columns of 0s added to the matrix

```
m <- make_basket_matrix(6)
unit <- get_biaxial_weave_unit(type = "this", tie_up = m, strands = "abcd--|efgh--")
```

```
## Warning: attribute variables are assumed to be spatially constant throughout all
## geometries
unit$primitive %>% plot(border = NA)
```

