Robert Boltje* (boltje@ucsc.edu) and Philipp Perepelitsky. Generalizing tensor products of bimodules. We introduce a construction due to Serge Bouc that has as input a module for a subgroup $X \leq G \times H$ and a module for a subgroup $Y \leq H \times K$ and as output a module for a naturally defined subgroup $X \ast Y \leq G \times K$. We present several basic properties of this construction and applications to $p$-permutation modules and $p$-permutation equivalences of blocks. (Received August 28, 2015)