

TECHNICAL SERVICES BULLETIN

ROLL CRUSH MARKS

Roll crush marks is a common condition seen in carpet that develops as a result of weight of the carpet on top of itself during storage, or from the weight of other goods loaded on top of a roll during transport. This causes a bending and compression of the pile yarns that can be seen as light or dark width-wise bands across a carpet that vary in length and are spaced at increasing or decreasing intervals, depending on which end of the roll you look at (roll crush marks will be more closely spaced as you get closer to the roll's core (because of the more frequent roll wraps) and will become increasingly wider spaced as the circumference of the carpet increases with each wrap around the roll. From a storage standpoint, most manufacturers realize the potential for roll crush marks and try to avoid this occurrence by not storing rolls on top of other rolls in their inventory.

Although some roll crush in installed carpet will respond over time as a result of fiber moisture, heat influences, and use, restoration of roll crush marks (which is not the result of any defects in the quality or workmanship of a carpet) can be hastened by pile lifting and/or by steaming and grooming the carpet's pile. Another practical pile restoration method that can be used by the installer to address small areas of roll crush is to place a steaming iron, pre-heated at a setting of 4, on a clean base on the crushed fibers and allow it to set for 1-2 minutes and then move the iron (no more than one iron length) and comb-up the crushed fibers.