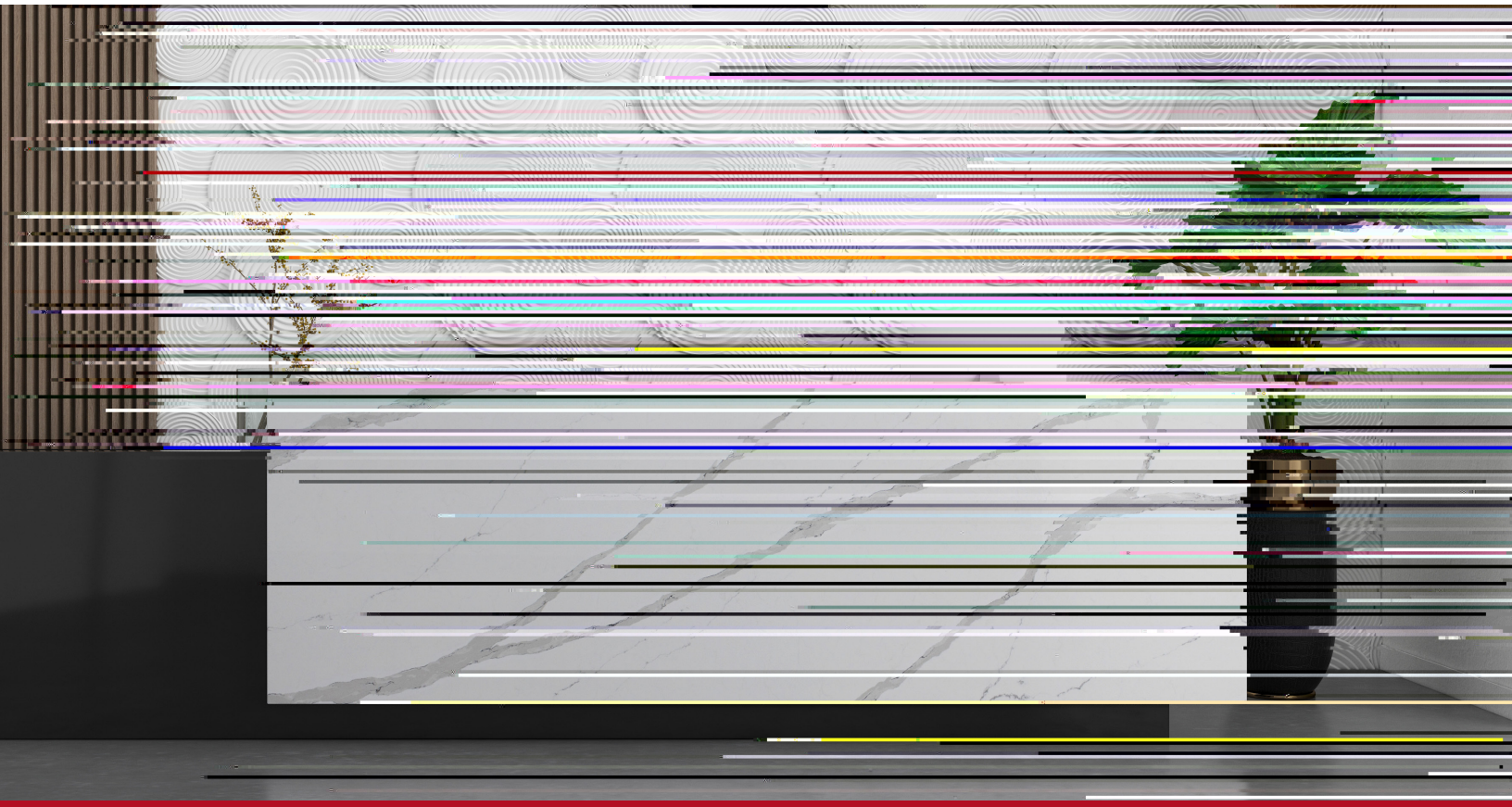pentalqu Z