One of the challenges clinicians have faced over the years with bonding is exquisite hybrid zone development and managing the exact amount of moisture content in the dentin before application of adhesive. iBOND Universal, from Kulzer, resolved this adhesive challenge with a product that was developed on the foundation of iBond Self Etch and Total Etch, but that adds the simplicity of a universal.

iBond Universal is a universal, light-curing adhesive indicated for bonding of direct restorations for all cavity classes and fissure sealants, sealing of cavities and core preparations, cementation of indirect restorations, and sealing of hypersensitive tooth areas. Restoration fractures or chips and localized carious lesions at the restoration margin can be repaired in a single appointment instead of resorting to costly replacements, making the process effective and economical.

“In the case of iBond Universal, it truly is universal in its ability to be used against all restorative materials as well as great bond strengths to enamel and dentin,” said Lee Ann Brady, DMD, the noted speaker, lecturer, and Director of Education for the Pankey Institute. “You can also use it for both direct and indirect techniques, both light-cure and dual-cure techniques, and as part of any etching approach.”

iBond Universal combines an acetone-based universal adhesive with a unique moisture control system. The acetone supports the fast evaporation of water to improve the bonding efficacy.

“The acetone acts as both a water chaser to pull the adhesive into the dentin and to evaporate the water for easier drying and more effective development of optimal bonds,” Dr. Brady said.

iBond Universal is compatible with light-, self-, and dual-cure materials without the need of a dual-cure activator. That means it offers reliable bond strength for all common types of restorations. Furthermore, you benefit from a short curing time of only 10 seconds.

“iBond Universal’s ease of use and high degree of reliability and clinical effectiveness are a must-have,” Dr. Brady added. “It increases simplicity and decreases the opportunity for technique error, as it works on all restorative and tooth surfaces, and the application technique is consistent.”

Water-Chasing Moisture Control System

Acetone acts like a water chaser and supports the fast evaporation of water. Less residual water is a key factor for a stable hybrid layer.