Subdirect products of limit groups over Droms RAAGs

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We generalize the existing theory of subdirect products of limits groups (over free groups) to the case of subdirect products of limit groups over Droms RAAGs. Here RAAG means right angled Artin group and a Droms RAAG is a special one such that every finitely generated subgroup is a RAAG again. This condition can be checked by the underlying graph : it should not contain an embedded square or a line of length 3. Our work is based on some recent results (both available on arxiv) on limit groups over coherent RAAGs due to M. Casals-Ruiz, A. Duncan, I. Kazachkov and on the structure theory of the limit groups over Droms RAAGs due to Jone Lopez de Gamiz.