



- Do not do swizzle the channels yourself, let the Crunch texture compression tool do it, Z is reconstructed programmatically (normalization ensure proper results).
  Occlusion is not implemented yet, but if provided it must be stored in Red channel.
  Deamon/ioquake3 materials expect DirectX normal convention because XreaL implemented them like Doom3 which followed DirectX convention despite being an OpenGL game.
  Normal map computation from height map is implemented but to be merged after Dæmon 0.52.0 release.
  Height scale and offset are implemented in engine and DarkPlaces compatibility layer but not yet in standard Dæmon materials at Dæmon 0.52.0 release time.

## Recommended texture formats



Lightmaps	Lossless WebP
Skyboxes	Lossy WebP
Normal maps	Normalized CRN (Unity/Dæmon variant with -rtopmip option)
Everything else	CRN (Unity/Dæmon variant)