

SAP MEMBRANE RULES

Boundary Conditions for Structural Integrity

1. Altitude Preservation Rule

The protocol must remain at structural altitude. No narrative, domain identity, or descriptive framing may be introduced. All artifacts must preserve invariant-level clarity.

2. Invariant Purity Rule

Generative invariants must not be mixed with:

- descriptive patterns
- empirical regularities
- formal representations
- analogies or metaphors

Only generative structure is permitted inside the membrane.

3. Layer Integrity Rule

The problem's layer must not be altered, collapsed, or inflated. All reasoning, evaluation, and artifacts must remain anchored to the correct layer. Layer drift is a membrane breach.

4. Architecture Independence Rule

The protocol must not adapt to the researcher's cognitive architecture. The architecture must adapt to the protocol. SAP does not bend to accommodate misalignment.

5. Formalism Containment Rule

Math, models, and representations may be used but cannot determine structure. Formalism must remain downstream of invariants. Compensatory formalism is prohibited.

6. Narrative Exclusion Rule

Narrative reasoning, story-based explanation, analogy, and identity framing are not permitted. These forms induce drift and collapse altitude. Only structural reasoning is allowed.

7. Drift Zero-Tolerance Rule

Any form of drift—layer, invariant, formalism, narrative, or altitude—constitutes a membrane breach. Drift triggers immediate evaluation and potential exit.

8. Authority Containment Rule

Only the Structural Lead may:

- determine layer correctness
- evaluate invariants
- assess architecture
- detect drift
- trigger exit conditions

Authority cannot be distributed or delegated.

9. Artifact Consistency Rule

All SAP artifacts must:

- use the same primitives
- maintain the same definitions
- preserve the same altitude
- avoid redundancy
- avoid reinterpretation

Artifacts must remain mutually coherent.

10. External Contamination Rule

No external frameworks, methodologies, or conceptual systems may be imported into SAP. SAP is self-contained. Cross-framework blending is prohibited.

11. Temporal Stability Rule

Artifacts must remain stable across time. Revisions require Structural Lead approval and must preserve invariants. No drift-inducing updates are permitted.

12. Membrane Enforcement Rule

Any violation of the membrane triggers:

1. immediate evaluation
2. drift assessment
3. potential exit

The membrane is the protocol's primary defense against collapse.

Canonical Statement

The SAP membrane preserves altitude, protects invariants, prevents drift, and ensures that the protocol remains structurally coherent across all artifacts, researchers, and time.